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Second Biennial Report

OF THE

Chicago State Hospital

Dunning, Illinois

October 1, 1914

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Second Biennial Report

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Dunning, Illinois

October 1, 1914



SPRINGFIELD, ILL.

ILLINOIS STATE JOURNAL CO., STATE PRINTERS

1915

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[This institution was formerly the Cook County Asylum for the Insane. It is accessible by Milwaukee Avenue, or West Side Elevated car from Chicago.]



Cottage Ward No. 14, Chicago State Hospital, 1914.

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SUPERINTENDENT'S REPORT.

To the Honorable Board of Administration, Springfield, Ill.:

I beg to submit the second biennial report of the Chicago State Hospital, covering the period of October 1, 1912, to September 30, 1914, as follows:

HOSPITAL POPULATION.

Admissions.—As one will observe upon glancing at Table No. 1, there were present in the institution on October 1, 1912, 2,529 patients. On September 30, 1913, this number had dropped to 2,455, owing to the fact that the 471 admissions during this period were more than counterbalanced by the deaths, discharges and escapes during this same period. On September 30, 1914, one year later, there were present in the institution 2,759, or an increase during the year of 304, due to the enormous increase in admissions during this year, 1,224 in all, or an average of a little over 100 per month. These figures demonstrate very plainly the fact that any admission rate over 65 to 70 a month results in a corresponding increase in population. During many months of the past year, we have received as high as 130 patients, which fact accounts for the steadily upward tendency of our population. Inasmuch as the other institutions caring for Cook County patients are already overcrowded, it would seem that this growth is inevitable, and must be counted upon at the rate of about 300 patients a year, during the next biennial period at least, and must be provided for by the continued building of new cottages. At the present time, at least 150 patients must sleep upon mattresses upon the floor.

Commitments.—Nearly all of our commitments are by jury trial, but it is pleasing to know that in the second year of this period, forty-seven cases were admitted by voluntary commitment, a procedure to be encouraged where cases of simple alcoholism are not concerned. Alcoholics as a rule are not desirable patients, and should be cared for in a State institution for this particular malady. However, until such a hospital is established, we are glad to care for such patients of this character as come to us with a sincere desire for betterment.

Discharges.—During this period we have discharged 655 patients, of whom 130 have been discharged recovered, 9 as not insane. The percentage of recoveries is exceedingly small as compared with that of other institutions of a like character, and in explanation it should be stated that up until about a year ago practically all cases were discharged at the expiration of parole without notation as to condition. We are now endeavoring to follow up the patient after he leaves the hospital and have him return for examination before discharge. The results of this endeavor have been encouraging, although it is to be



Cottage Ward No. 12 Chicago State Hospital

regretted that many of our patients and their relatives are too careless or too ignorant to comply with our directions.

Escapes.—From an institution so near to the great city from which its entire population is derived, there must necessarily be many escapes. Many patients are allowed the freedom of the grounds. These patients are able to make their escape at any time they please, and others, in going to and from the dining-room, to and from their work, etc., contrive to elude their nurses. However, no ill results have attended these escapes and the management offers no apologies for them.

Deportations.—Sixty-five patients were deported last year as against eight during the first year of the period, and this number would have been greater had it not been for the breaking out of the European war. This increase speaks well for the activities of the Deportation Office.

Deaths.—Five hundred eighty-five patients have died, an average of less than twenty-five a month, which is a very good showing considering the fact that all of the weakest patients committed from the Detention Hospital are sent to this institution, including in their numbers many paretics. The 365 male deaths as opposed to 220 female deaths is practically accounted for by the greater number of male paretics we receive.

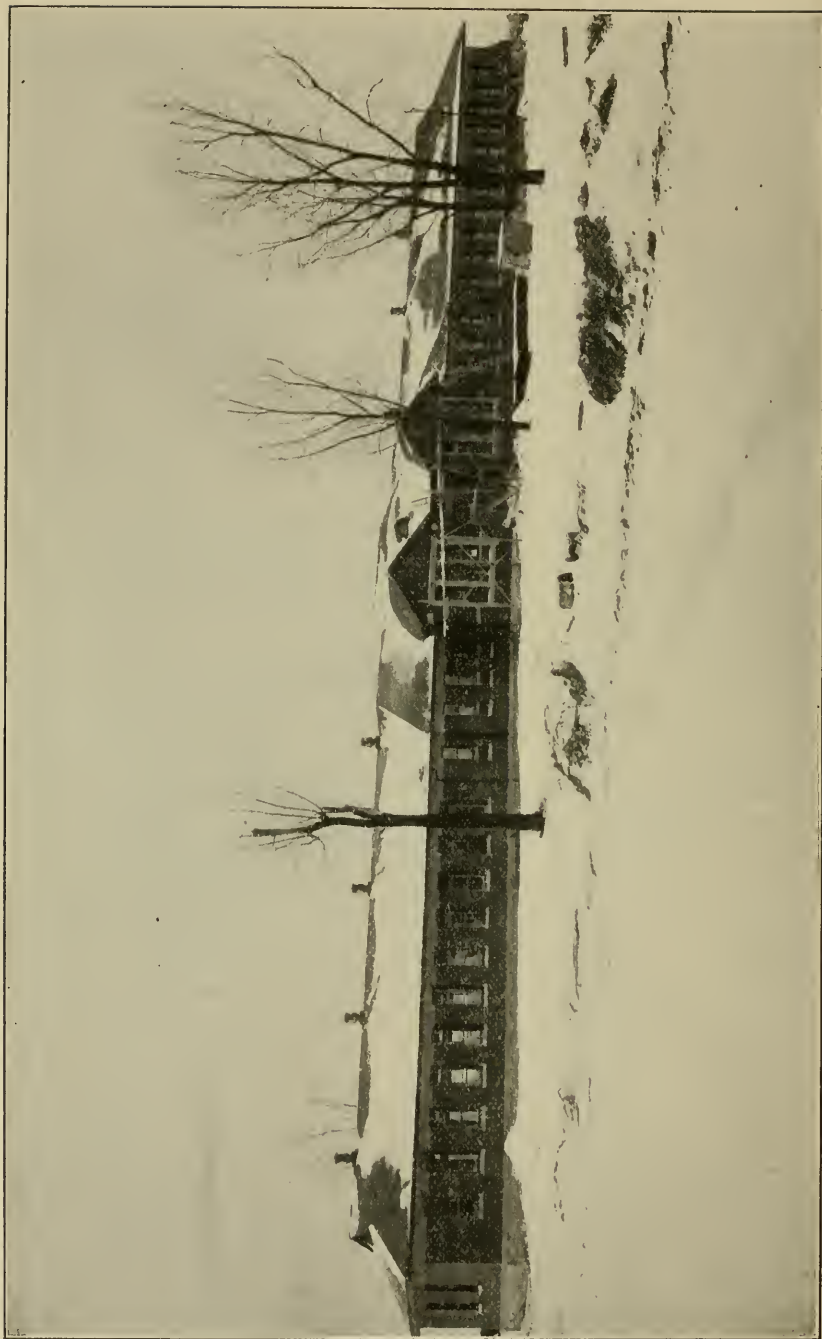
Transfers from Other Institutions.—Many patients are transferred from other State hospitals to this institution upon the request of relatives and friends in the city who desire to have their sick ones nearer home. This one factor alone is responsible for an average of from 50 to 60 admissions a year.

In concluding this section, it is fair to state that of late it has been noted that the patients are received from the Detention Hospital in much better physical condition than formerly, and upon the whole in a less disturbed mental state. This improvement is no doubt in a measure due to the better facilities now enjoyed at the new Psychopathic Hospital. Cook County is to be congratulated upon this improvement in the preliminary care of its insane.

MEDICAL SERVICE—IMPROVEMENTS IN THE CLASSIFICATION AND CARE OF PATIENTS.

Owing to the comparatively small number of wards in proportion to the population, the classification of patients according to behavior, habits, etc., has not been as good as could be desired. At the present time, we are still far from satisfied in this respect, but certain changes have been made for the better.

The female receiving ward has been moved from C 1, a small ward of but 16 beds on the third floor, to wards A 1, A 2 and A 3 upon the ground floor of the main building. These wards are among the most pleasant in the institution, and are fairly well situated for receiving wards, during the time we are waiting for completion of our receiving cottages. A 1, the acutely disturbed ward, cares for 16 patients, and the remaining wards, A 2 and 3, for 55, allowing many of them a single room, while others sleep in two-bed rooms or in dormitories. The dining-rooms are especially homelike, and new rugs, furniture and pictures have contributed to give these wards a very cheerful, comfortable atmosphere.



New Cottage for Untidy Patients, Chicago State Hospital 1914

A like improvement on the male side has not been possible owing to unsurmountable obstacles in ward construction. However, the entire male wing of the main building has been given over to acute and semi-acute cases. New rugs have been laid down upon all wards, some new furniture has been installed and still more has been ordered.

Ward C W 2, formerly a male cottage, has been converted into a female ward for elderly patients, and it is now planned to make a like change upon C W 6 as soon as our new buildings are completed. By so doing, the female patients outside the main building and the parole ward will be cared for upon an avenue entirely given up to female cottages.

In the D W building we have a hard problem with which to contend, inasmuch as the wards are dark and forbidding in their institutional aspect, resisting every effort to make them homelike and cheerful. However, the bath-room construction has been entirely overhauled, as described in another portion of this report, and the wards have been in part reclassified. D W 1 is now a ward for working men who are out of doors most of the day upon detail duty. D W 2, on the second floor, has been made into a ward for incorrigible male elopers. D W 3 remains an untidy male ward and is overcrowded and most undesirable for this purpose, but will have to continue as such for some time to come. D W 4 remains a male epileptic ward. C W 5, as mentioned elsewhere, is being thoroughly remodeled. Meanwhile its female patients are being cared for on the first floor of the Amusement Hall, a place not at all suitable for the care of an untidy class.

The male patients formerly cared for in the Amusement Hall were moved to the buildings formerly occupied by the county tubercular patients, now a temporary addition to this institution. In this latter group of buildings, connected by great corridors, we are now caring for five other male wards, a population of 320 in all, for the most part made up of a quiet, demented class, representing the overflow from various wards of the institution together with patients still cared for in the old poor-house up until April last. This old consumptive hospital, now termed the annex, is of frame construction and one storied, save for one wing of two stories. During the summer time it has been a very pleasant residence for the patients, inasmuch as the grounds are beautiful and opportunities for being out of doors are almost limitless. During the entire summer these wards have been practically unlocked during the day, although patients of this class, of course, can not be allowed to roam as they please about the grounds, but are kept together under supervision of their attendants while out of doors. A new system of heating has been installed, and it is expected that the buildings will be made comfortable this winter. As elsewhere explained, there is a congregate dining-room, seating 220, while the remainder of the patients walk to the general dining-room. Some of the more untidy patients are bathed upon their wards, but the majority go to the general bath-house.

In December, 1913, C W 2, a very pleasant one-story brick building, was opened as an unlocked cottage, and now accommodates 40 female patients.

Wards C W 13 and 14, elsewhere described, were opened in February of this year. C W 14 is a parole ward accommodating 125 men, though originally planned for but 60, while C W 13 is an open ward



accommodating 80 men. Both are beautiful buildings, and very greatly appreciated by those fortunate enough to be placed there. Upon C W 14, a billiard table has been recently installed, and is in constant demand. New furniture is greatly needed upon both these wards and has been ordered. New rugs have recently been laid.

The hospital ward is being repainted upon the inside from top to bottom. The old hydrotherapy department in the basement of the west wing was not in working order and could not be used to advantage in this building, so was removed this summer, and the space thus gained makes an excellent day room for some forty infirm male patients, thus rendering it possible to shift other patients in turn and finally to relieve the overcrowding upon the third floor, where the acutely ill are cared for. Upon the female side, in much the same way, by opening a new ward upon the ground floor, it will be possible to reduce the overcrowding upon the acute wards, and insure much better hospital service for the physically sick.

Mention has been made of a temporary ward upon the first floor of the Amusement Hall. As before stated, this is not at all a desirable location for patients, and we hope to entirely abandon its use for this purpose as soon as the new buildings are completed. Mention will be made later of this building in connection with proposed industrial work.

On the second and fourth floor of the female wing of the main building, we are now caring for infirm old ladies and tottering pareties. Provision should soon be made for their care in one-story cottages—infirmity wards. The so-called “infirmity” wards now under construction are not fitted to this purpose, inasmuch as they are two storied and have no dining-rooms.

In concluding this section, it would be wrong not to call special attention to the overcrowding of the entire institution. At present, upon C W 14, 125 patients occupy a building planned for but 60, as has already been cited. Upon C W 6, a ward for untidy demented patients, 25 are at present sleeping in beds upon the porch. Within a month they must be brought indoors, and placed upon mattresses on the floor. We are now caring for 96 patients in this cottage originally intended for about 50. The other untidy male ward now houses 78 patients in a place intended for 50, and, even with the beds closely crowded together, 9 are sleeping upon mattresses on the floor. The other wards of the D W building are overcrowded in practically the same manner, and I might go on indefinitely citing examples of overcrowding amounting to about 20 per cent throughout the institution, and by overcrowding it should be understood that we refer to a surplus over and above a population that in the East would be considered far too great for the facilities here at hand. This overcrowding must be reckoned with in future appropriations for new cottages.

MEDICAL SERVICE.

Changes in Hospital Staff.—When this hospital was first taken over by the State, Dr. F. B. Clarke, formerly medical director under the county management, was appointed acting superintendent, and served as such until the time of his resignation, December 15, 1912. From this time on until the date of my appointment, April 7, 1913, Dr. R. H. Rea acted as managing officer. Dr. H. J. Smith was trans-

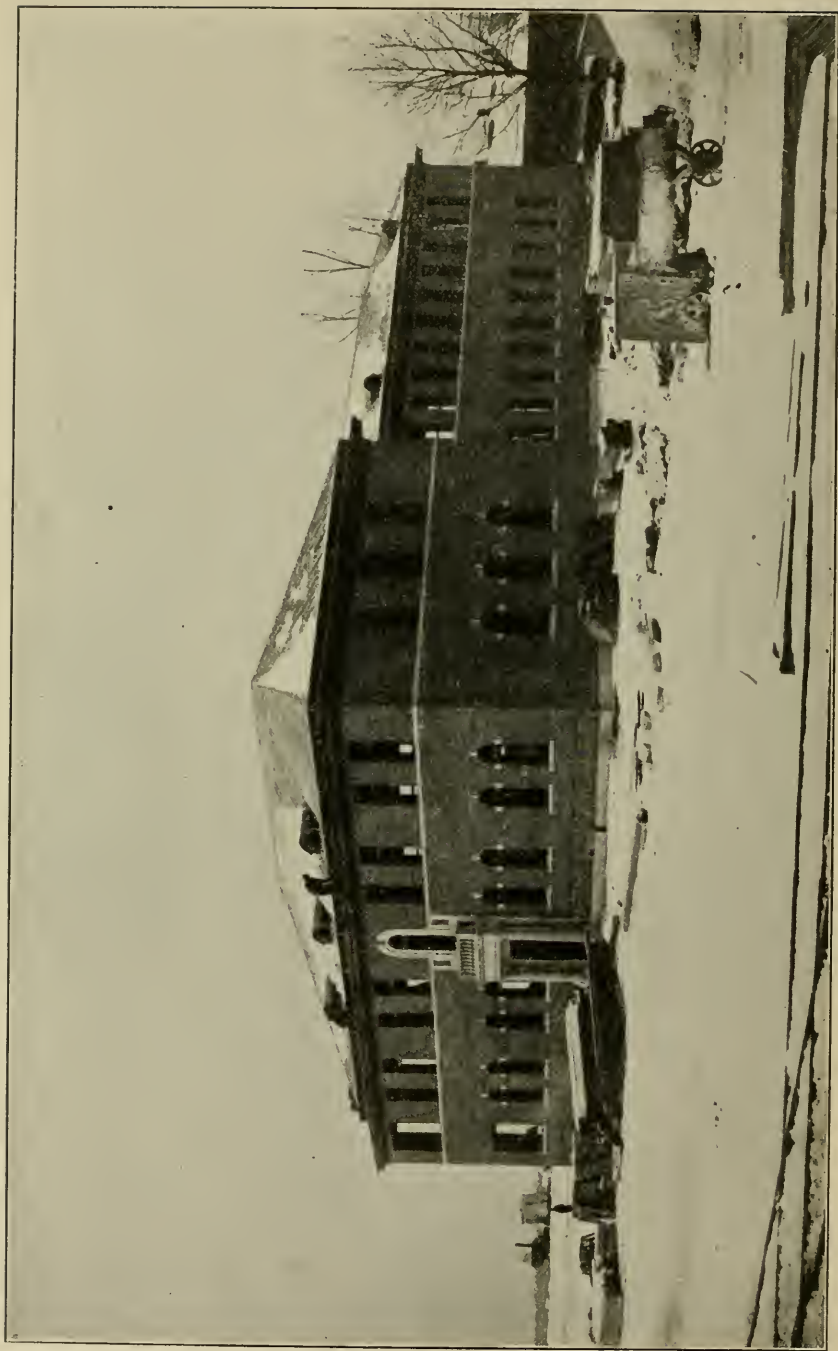


East Cottage for Chronic Cases, Chicago State Hospital, 1914.

ferred from the Watertown State Hospital, where he was serving as assistant superintendent, to a like position in this institution April 17, 1913. On March 15, 1914, after having rendered most satisfactory services, he was transferred in the same capacity to the Peoria State Hospital, and Dr. C. F. Read, formerly assistant superintendent at Kankakee State Hospital, was at the same time transferred to fill a like position at this hospital.

Dr. Rea remains in the service as physician, having served continuously since April 21, 1910. Dr. Barnett Lemchen, physician, was transferred to this institution from the Anna State Hospital November 1, 1912. Dr. C. C. Ellis, physician, was transferred from the Peoria State Hospital December 9, 1912. Dr. Clara Dunne, appointed under the county administration, was transferred October 28, 1912, to the Illinois State Training School for Girls at Geneva. Dr. K. M. Manougian, appointed under the county administration, was transferred February 9, 1914, to the State Psychopathic Institute in the capacity of bacteriologist. Dr. F. J. Sullivan was transferred to Kankakee December 9, 1912. Dr. I. F. Freemmel, transferred from Elgin State Hospital on July 25, 1912, acted as assistant superintendent from December 15, 1912, to April 17, 1913, and was transferred to Chester State Hospital as assistant superintendent January 7, 1914. Dr. Jos. Cooperstein left the service January 24, 1913. Dr. I. J. Frisch was transferred to Chester State Hospital August 17, 1913. Dr. G. M. Lisor was appointed as assistant physician August 1, 1912. Dr. John Peters left the service January 24, 1913. Dr. Faith E. Spangler, appointed October 21, 1911, was transferred December 6, 1913, to the Elgin State Hospital. Dr. P. S. Winner, appointed February 22, 1912, resigned June 8, 1914. Dr. W. W. Wood resigned November 10, 1912. Dr. T. J. Riach, appointed March 30, 1912, as assistant physician, was transferred to Kankakee State Hospital December 1, 1913, in the same capacity. Doctors R. R. McCarthy and H. S. McCarthy were transferred as assistant physicians from Elgin State Hospital December 6, 1913. Dr. Otis Like was transferred from Chester State Hospital as assistant physician January 7, 1914. Dr. H. J. Freemmel, appointed as assistant physician January 21, 1913, having served as interne from July 10, 1912, was transferred to Kankakee State Hospital June 21, 1913. Dr. H. S. Seiwel, appointed as interne July 9, 1913, was transferred to Watertown as assistant physician June 10, 1914. Dr. F. N. Cliff, appointed as interne July 23, 1913, resigned March 1, 1914. Dr. A. J. Firtik, who was appointed May 13, 1914, left the service August 1, 1914. The following, appointed as internes, are still employed at this hospital: Dr. R. B. Kershaw, on duty May 17, 1914; Dr. L. G. Wright, on duty June 26, 1914; Dr. J. C. Kaczkowski, on duty July 10, 1914, and Dr. Alice M. Smith, on duty August 14, 1914.

From the above it appears that thirty medical officers have served the State in this hospital during this biennial period. Of these, but thirteen remain in the service in this institution. Nine have been transferred to other institutions, and the remainder have entered other lines of professional activity. These facts make it quite evident that there has been considerable interruption in the medical service from time to time owing to the necessity of breaking in newcomers. Although we realize that it becomes necessary from time to time to transfer medical



West Cottage for Chronic Cases, Chicago State Hospital, 1914.

officers from one institution to another, we believe that, on the whole, where possible, it is best to allow those who are acquainted with the patients and the patients' relatives, and the peculiar requirements of the institution to which they have been accustomed, to remain in that institution, where their work can be best directed toward the needs of the patients.

During this period there have been no startling innovations in the general scheme of the medical service. A receiving service averaging 100 patients a month during the last year of this period has taxed our resources to the utmost. With a medical staff, comprising three physicians, four assistant physicians and four internes, under the general supervision of the assistant superintendent, we are barely able to keep pace with the demands upon our professional resources. Each patient immediately upon admission is examined physically by a physician and a supervising nurse. Following this, after a short interval, the patient receives another more thorough physical examination and a mental examination, after which the case is written up by the stenographer and presented before the entire staff by the physician in charge. In all doubtful cases specific tests are made of the blood and spinal fluid. At the staff meeting, not only is the case diagnosed, but suggestion is made as to after-care, employment, etc., which suggestions unfortunately we are too often unable to carry out in cases of male patients, owing to the lack of industrial employment for them. With this question I shall deal later.

We endeavor to follow up our patients as much as possible after they are removed from the receiving service, and yet too often we realize that recent cases are lost track of when transferred to cottages containing 100 to 200 more or less chronic cases. This difficulty will, in a measure, be overcome when our new buildings are completed, inasmuch as the receiving wards will care for about 100 patients each and two other cottages will take care of a great many transfers from the male receiving service at least.

All female patients receive a thorough pelvic examination by a female physician, and regular treatment of such cases as require it is instituted. This winter it is proposed to undertake such surgical work as seems plainly to be indicated in those patients whose relatives desire it, not with the expectation of curing insanity by surgical procedure, but merely with the idea that the insane should be at least as well served in this respect as the sane.

Psychosis of Admissions.—A survey of Table No. 9 serves to bring out the following interesting facts:

First—Alcoholism has been directly responsible for one hundred and eighty-three admissions, or a little over 10 per cent of the entire one thousand six hundred and ninety-five admissions during this period, a percentage quite universally conceded to be normal throughout the country. However, it should be understood that of this number a fourth to a third has been cases of chronic alcoholism, cases occasionally showing some deterioration but not the distinctly insane, cases that by rights should be taken care of in separate institutions given over to the care of alcoholics.

Second—Organic brain disease, during this period, has supplied 27 per cent of the total admissions. Over a half of this group is composed

of cases of general paralysis of the insane, which disease alone has furnished over 16 per cent of the total admissions, a percentage which is normal to an institution directly fed by an urban population. Of these cases, less than one-fifth have been women, rather a low proportion according to the figures of continental authorities.

Third—The dementia præcox group has accounted for three hundred and ninety-five cases, or something like 23 per cent. This group and that of the general paralytics are the most pitiful of all classes of cases admitted to an institution of this nature. The præcox group carries away the young and able-bodied into what is, for the majority, a life-long semi-captivity, finally ending in dementia, while the general paralytics are recruited in a great measure from among men who have sown their wild oats and settled down to be good citizens and good home-makers; and for these, likewise, there is no return to the normal, save during brief remissions.

Fourth—The manic-depressive group has supplied one hundred and seventy-four cases or 10 per cent. During the last year we have apparently received fewer cases of this type than previously, but this may well be because we are looking at them in a different light and classifying them under other headings.

The other groupings account for a very small proportion of our population, save for that included under the heading of mental defectiveness. Seventy-six cases have thus been classified during two years. A great majority of these are brought to us because of some sudden outburst of excitement which has rendered it impossible to take care of them longer at home. Of course, constitutional defects are also a great factor in the production of various types of insanity.

Suicides.—In the matter of deaths by suicide, we have been fortunate.

The case of M. R. deserves especial mention. This patient was brought to the hospital with a laceration of the throat, self-inflicted just prior to commitment. She was apparently a case of dementia præcox, with religious ideas, somewhat depressed but quiet. Upon one occasion, a piece of broken glass was removed from her bed, and, upon another, a table knife, but so far as known she made no attempt to injure herself with them. After a hospital residence of three months, she suddenly developed a high fever, for which no cause could at first be ascertained. The heart action was extremely irregular and feeble, there was some dyspnoea and considerable cyanosis. About twenty-four hours later, from what was apparently a slight abrasion below the left nipple, there was a sero-sanguinous discharge. Later this developed into a free purulent discharge from a sinus which, when probed, seemed to extend directly into the chest cavity for over six inches. A tentative diagnosis of pus in the pericardium was made. For several days the patient appeared to improve, then gradually grew weaker and died August 13, 1914. The coroner's inquest revealed a pericardial sac filled with pus. At the very last the patient confessed that she had injured herself, but persistently refused to reveal the means.

On December 12, 1912, J. S., a parole patient, hanged himself from a rafter in the green-house.

In this connection it is interesting to note a case with a happier ending, which well illustrates the accidents which can be survived. The

patient, J. E., a paretic, was recently returned to the institution in good physical condition, but somewhat excited mentally. Because of his wife's fear that he might make his escape, he was placed on Ward 2 on the second floor of the D W building. The windows of this building were, as we supposed, thoroughly guarded, but the patient managed to find a small unprotected transom about a foot in height over one of the windows at the end of the ward, and; one night while the attendants were engaged in attending to other patients, he climbed up the screen, broke this transom, crawled through it, and fell to the cement sidewalk, about 40 feet below. Strange to relate, he suffered merely a simple fracture of the right femur and some slight lacerations of the right forearm. He has now been in bed for about six weeks, and appears to be making a good physical recovery, apparently not having suffered pain to any extent whatever.

Coroner's Inquests.—In common with all institutions of this character, we have had a number of sudden deaths, or deaths in which the circumstances seem to indicate the advisability of referring the case to the coroner. The following is a list of inquests together with the verdicts:

- W. N. died 10-16-12, valvular heart disease.
- J. S. 12-12-12, death by hanging, (suicide.)
- I. B. died 1-21-13, cerebral congestion and oedema following injuries.
- F. S. died 4-24-13, traumatic pneumonia.
- M. B. died 5-18-13, cardiac dilation, chronic nephritis and poison self-ingested.
- M. V. died 11-12-13, organic heart disease.
- A. L. died 11-14-13, pulmonary tuberculosis.
- C. H. died 11-21-13, internal hemorrhages and external violence.
- F. L. died 2-17-14, thrombophlebitis and gangrene of feet.
- F. C. died 4-16-14, abscess of throat.
- H. D. died 5-16-14, septic infection and tonsillar abscess.
- J. P. died 6-30-14, shock and injuries received (jumped from window.)
- M. R. died 8-13-14, pleuro-pneumonia (suicide.)
- J. W. died 8-14-14, formaldehyde poisoning.
- D. J. S. died 8-24-14, general paralysis and bruises.

In but one case were those in charge of the patient held responsible for his death, that of C. H. The attendant was held by the coroner's jury to the grand jury, indicted and tried with a resultant verdict of not guilty. The patient J. P. B. jumped from a window. He was a paretic, and was seeking to escape rather than commit suicide. The patient J. W. undoubtedly took formaldehyde as a medicine, inasmuch as he was known to be fond of making up various decoctions for his own use upon the farm ward where he was a parole patient. The patient M. B. died of poisoning from lysol taken previous to her admission, hence should not be classed as a suicide occurring in this institution.

THE SICK SERVICE.

The hospital service is a very active one, caring constantly for about 150 male and 130 female patients. Upon the whole, the health of this institution has been excellent during this period, inasmuch as we have suffered from no epidemics and the general death rate has been one normal to the institution and has shown no great variation from month to month. There have been 585 deaths in all, at an average rate of



West Receiving Building, Chicago State Hospital, 1914.

about 25 per month. As will be observed upon glancing at Table No. 19, general paralysis of the insane accounts for more deaths than any other single malady. Next to this comes pulmonary tuberculosis. Pellagra is in a quiescent state, inasmuch as we have had in all but about 6 cases each year of this period and only 3 deaths, 1 female and 1 male in fall of 1912 and 1 female in 1913. Practically all cases of late seem to recover or remit quickly when put to bed and placed on a meat diet. We have been most fortunate insofar as infectious diseases are concerned. There have been but two cases of typhoid, both probably due to infection brought from the outside upon food supplies, and both made excellent recoveries. This spring we had two cases of scarlet fever, one developing in a young man about four days after admission, and the other occurring in another young male patient confined upon the same ward from which the first patient was removed. The second patient was the only one who developed the contagion. Of diphtheria, we have had about the usual number of scattering cases among patients and employees with but one death, that of a female patient in 1913.

To illustrate the work done in the surgical service, I quote from the operating room report for the last six months of the period as follows:

OPERATIONS.

Laparotomy for peritoneal adhesions.	Direct transfusion of blood.
Partial re-section foot.	Appendectomies, two.
Strangulated hernia (femoral).	Ruptured bladder.
Amputation of toe.	Tumor of the breast.
Thyroid dectomy, two.	Circumcisions, six.

These operations were performed by staff members and by physicians from the city.

MINOR SURGERY.

Surgical dressings.....	7,075	Intra-spinous injections of Sero-salvarsan (Swift Ellis treatment)	30
Spinal punctures for Wasserman test	204	Hypodermoclyses	30
Intra-spinous injections of cacodylate of sodium	109	Fracture cases	12
Intra-spinous injections of neosalvarsan	72	Emergency cases (several from outside the institution).....	16
Intramuscular injections of emulsion cerebrum	52	Aspirations of pleural cavity...	8
Aspirations of abdomen (one patient)	10		

In addition to this a multitude of scalp wounds were dressed, abscesses opened, etc.

Special reports of our work in the treatment of paresis are being prepared. The injections of sodium cacodylate resulted in no harm to the patients and a few seem to profit by them, but they have been discontinued. Results with Neosalvarsan are still doubtful; .003 grams dissolved in patient's own spinal fluid are being given once in two weeks to some 10 or 12 patients. Thus far it can at least be said that there have been no ill results. We are greatly indebted to the State Psychopathic Institute for very prompt reports of the Wasserman test made upon spinal fluids and blood specimens submitted.



East Receiving Building, Chicago State Hospital, 1914.

DENTAL REPORT.

Since January 1, 1914, we have had a resident dentist, Dr. T. J. Denny, who has given his entire time to the dental care of our patients. Shortly after admission each patient is examined and a descriptive diagram of the teeth is filed with his history and in the dentist's office. As soon after this as is practical, his teeth are given the necessary attention, save that the State has not yet found it possible to furnish plates, bridge work and gold crowns free. This part of the work, however, is done at cost when paid for by the patient's relatives. Two or three times a week the dentist visits our hospital wards in search of dental conditions which may have to do with the patient's physical trouble. Below is the tabulation of the work done during the past nine months:

Examined (newly received).....	788	Extractions	843
Teeth in good condition.....	234	Plates prescribed.....	265
Filled (amalgam, cement and porcelain)	485	Plates made.....	20
Treatments	502	Crowns	10
Cleanings	275	Bridges	8

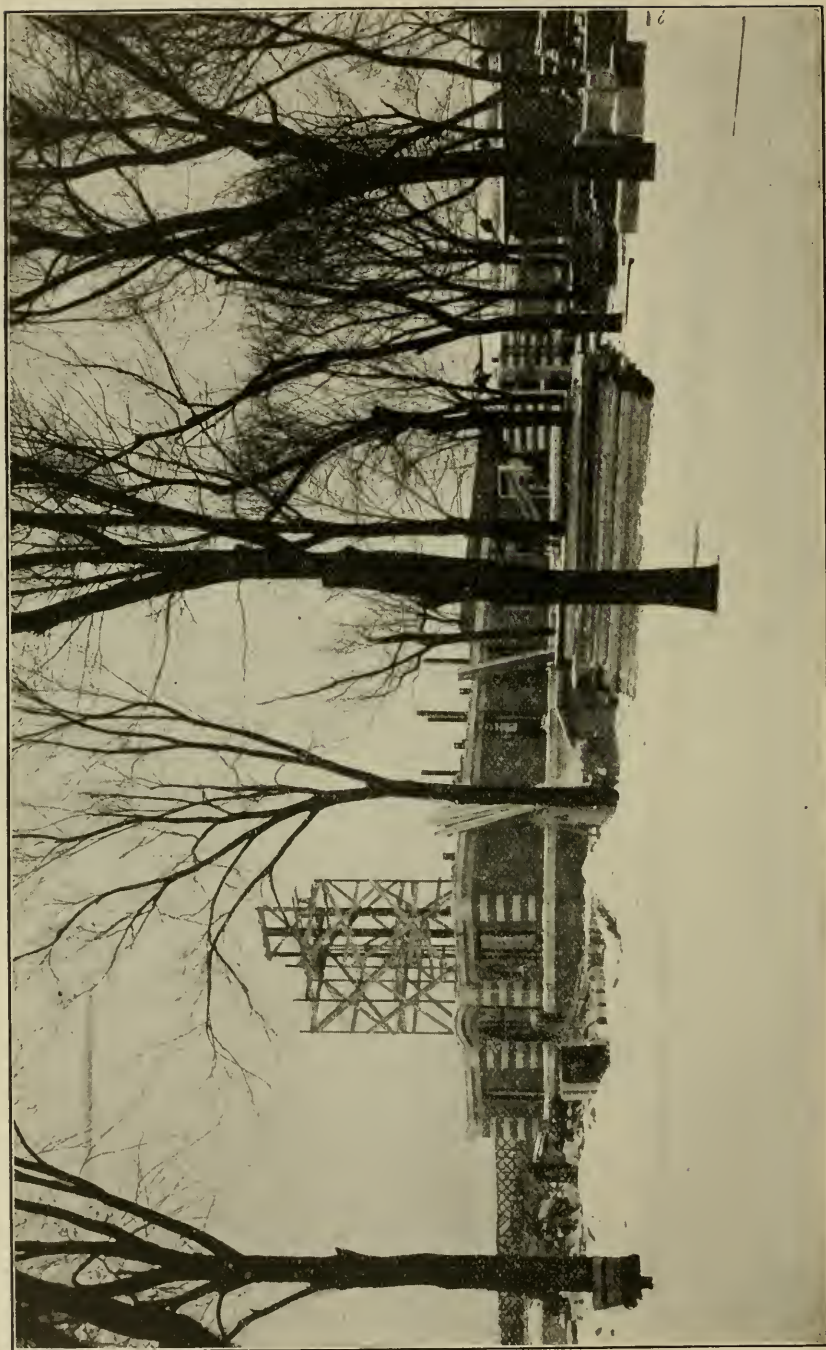
THE NURSING FORCE AND THE TRAINING SCHOOL.

Our nursing staff at the conclusion of this period consists of a chief nurse, two male and two female supervising nurses, one female acting supervising nurse, fifteen graduate female nurses and one hundred and twenty-eight female and one hundred and thirty-five male attendants.

Our supervising nurses are few enough in number to look after nearly twenty-eight hundred patients, and when the new buildings are completed, it is very probable that we shall require at least one additional male supervisor and very probably a female one as well.

In February, 1914, we installed the eight-hour system in our hospital ward, and, as it proved a success, we rapidly extended the system, so that by the middle of May the employees upon all wards were working in eight-hour shifts. While the eight-hour system requires three separate shifts upon each ward, this is in a measure counter-balanced by the fact that under the former long hour system, we were required to relieve constantly for days off duty, at meal times, classes and for detail work. These details were filled temporarily with attendants who were unfamiliar with the patients and the duties of the wards, whereas under the present system the same attendants remain more permanently upon their wards.

On February 1, 1914, we had two hundred and fifteen employees in the nursing service and on October 1, 1914, two hundred and seventy-eight, making an addition, in all, of sixty-three employees between these dates. However, it is to be noted that during this period eight additional wards were opened, which would have required, even under the old system, at least twenty-two attendants. Now, deducting these twenty-two from the increase of sixty-three employees already noted, we have as a net gain chargeable to the introduction of the eight-hour system but forty-one attendants, an *increase of a little less than one-fifth*. This increase necessarily entails more expense in the way of salaries, but



Administration Building, Chicago State Hospital, 1914.

should be justified by a higher grade of service rendered our patients and a better class of healthier and more contented employees.

The Training School.—The present training school for nurses under State management was organized September 1, 1912, at which time twenty pupil nurses were enrolled, nine of whom remained for the full course and graduated in June, 1914. Our senior class for the present year consists of but five members, but we now have a class of thirty juniors taking up the training with considerable enthusiasm, and we feel that in view of the improved living conditions that will follow the completion of the Nurses' Home, the shorter hours and the prospect of salary increases at regular intervals for those who give efficient service, the graduating class for the ensuing year will be large and a credit to the institution. Owing to the size of this class, it is at present necessary to divide it into two sections, in order to give all students instruction during their time off duty. The course is essentially that outlined by the Board of Administration, supplemented by practical work upon the various wards.

At the beginning of this period, the male wards, including the sick wards, were entirely in the charge of male attendants. Believing that men are, generally speaking, not so well fitted for nursing the sick, we have replaced them upon the hospital sick wards with female attendants and nurses, with the exception of one male orderly to the ward, and have also placed female nurses in charge of the receiving and untidy wards. This change has resulted in the material betterment of these services, and, in view of the success thus far obtained, we have it in mind gradually to place female nurses and attendants upon the remaining male wards in so far as practicable. It should be noted, however, that we are always short of female attendants, hence are handicapped in this purpose.

In conclusion it may be of interest to state that during the last year one hundred and twenty-three attendants have been discharged, one hundred and forty-nine have left upon short notice, and one hundred and forty-four after giving regular notice, making in all a total of one and one-half times our total nursing force which has thus changed during the year. Though isolated cases of abuse still occasionally occur, I believe it has practically disappeared, save for these sporadic cases. This summer I had three male attendants, caught abusing a male patient, arrested and fined, and in all cases where there is presumptive evidence of abuse, the employee is at once discharged, even though the proof be not sufficient to warrant prosecution.

OCCUPATION AND AMUSEMENT OF PATIENTS.

Out of something over fifteen hundred male patients, I regretfully report that we have but six hundred and seventy now occupied or approximately 44 per cent. Out of something over twelve hundred female patients, we have but five hundred and forty-four occupied or approximately 45 per cent. These figures we realize are too small, inasmuch as it is now quite generally conceded that it is possible usefully to occupy at least 60 per cent of a hospital population in one way or another. Our failure to accomplish this result can be attributed to several causes:

First—Our farm is small. To properly provide occupation and support for an insane population it is quite generally conceded that one acre per patient is none too much. This would mean twenty-eight hundred acres of land for this institution and, of course, is entirely out of the question. However, I believe that we should work more land than we do, and to this end I am asking for an appropriation (see list of requested appropriations).

Second—Considerable over one-half of our population are foreign born and at least one-third of these speak English poorly or not at all, and hence cannot easily be directed or instructed. Also, these people, we must remember, are in a totally different environment from what they have been accustomed to. The difference is much greater with them than with the ordinary American citizen; they do not comprehend conditions and are inclined to become more or less sullen and stubborn because of a misunderstanding of the situation.

Third—We employ only union labor and because of union restrictions are unable to occupy patients along many especial lines of work.

Fourth—Our opportunities for diversional occupation are at present very slight, aside from that furnished by the art classes.

Diversional Occupation.—During this period the women's industrial teacher at the Art Cottage and upon many of the wards has instructed about three hundred female patients in plain sewing, hem-stitching, drawn work, embroidery, crocheting, knitting, etc., reed and raffia work, fancy weaving, etc. This department has made about two hundred yards of fancy woven material and over five hundred yards of rag carpet. They have also made a large amount of fancy work, the proceeds of the sale of which have gone into the State treasury. This instructor has also entertained patients at various times in games, plays and folk dances. This work so far as it has gone is excellent and has been undertaken with the primary aim of improving the condition of the patient rather than with the idea of making money. However, it requires considerable extension.

For the men we have no work to correspond with this, which I feel is a great misfortune, inasmuch as hundreds of our patients are rusting out upon the benches for the lack of something to do. Many of these patients require some special urging in order to get them to work. Some of them push polishers about in a monotonous way for an hour or so a day, but this, though it is of some physical benefit, affords them practically no mental stimulus. Years ago in this same institution in the first story of the Amusement Hall a former superintendent established a workshop for men. This shop, I understand, was one of the star exhibits of the institution for some time; then, unfortunately, the room was required for some other use and the shop was abandoned. I dislike to feel that under State management we are not so progressive along this line as was the county institution years ago. There are a dozen ways in which our male patients might be occupied at bench work, such as making door mats, bedroom slippers, socks and stockings, cement work, basket weaving, brush-making, etc. It is a great pity that unionized labor cannot come to look upon such work as a therapeutic measure which can never assume such proportions as to in any wise conflict with the principles of the union shop.

Arrangements have been partially completed for re-educational classes to receive instruction under the supervision of the Chicago Kindergarten School. We are hoping for much from this innovation.

Amusements.—There is a weekly dance for patients, followed by a late dance for employees, once a week, also motion picture entertainments are given, ball games are played daily during the summer, and from time to time parties are held upon the various wards. On the Fourth of July of this period our grounds were covered with a throng of patients and visiting relatives. There were many games and contests of skill and strength, speech-making, a ball game, music by an orchestra from the city and a picnic lunch.

Each Sunday morning mass is held for all Catholics and in the afternoon services for Protestants.

From time to time entertainments are given by the Jewish Aid Society, under the very efficient leadership of Mrs. Wolf and Mrs. Ellison. I desire to express our very great appreciation of this most kindly charity. Also I wish to congratulate the Hebrew Charities upon the efforts of Mrs. Minnie Berlin in behalf of the Jewish patients. It is of great advantage to the management to have an organized society with which to deal in considering the more difficult problems of patient care and parole. It is regrettable that the other nationalities, so abundantly represented here, do not take a like interest in their people.

Appended is a table showing number of patients at work and where employed.

Male patients employed as follows:

Ward work	328	In laundry	38
With housekeeper	6	With druggist	1
Working on grounds	28	With dentist	1
With utility man	10	In mattress shop	3
In store	2	In office	3
In boiler room	28	Weaving	2
With tailor	4	With plasterer	1
With shoemaker	1	In tin shop	2
Assisting mason	1	With carpenter	2
With butcher	4	Unloading coal	34
At morgue	2	On farm	80
In kitchen	33	With florist	1
In fire hall	2	In general bathroom	1
In supervisor's office	5	Working on sewer detail	4
In dining room	42	Teamsters	8
In bakery	16		
With painters	2	Total	655

Female patients employed as follows:

Ward work	255	Offices	1
In dining room	102	Art work	79
In vegetable room	18	With housekeeper	8
In sewing room	38		
In laundry	33	Total	534

NEW CONSTRUCTION, REPAIRS AND IMPROVEMENTS BY CONTRACT.

Since September 30, 1912, four new buildings have been constructed. A small one-story pressed brick cottage, costing about \$20,000, was built with the proceeds of the insurance received on the part of the County

Infirmery that was destroyed by fire. At present it houses some forty female parole patients.

The Legislature of 1911 appropriated \$110,000 for two cottage wards for this institution, and these have been built at a cost of about \$100,000. They are of the latest type, two-story, fire-proof, reinforced concrete construction, dark red, pressed brick exterior, with red tile roof. These buildings have concrete floored solariums on each floor, and the best systems of lighting, plumbing and heating available. The heating system is the Van Auken two-pipe vacuum type with direct radiation in all rooms. In addition to this, these cottages are equipped with a tempered-air ventilating system equal to any in the most costly private hospital, insuring a complete change of air at the desired temperature every six minutes.

Inasmuch as the sewers near these two new cottages were neither large or deep enough, approximately 850 feet of new 18-inch main sewer with 8-inch laterals to each building was constructed by the Chicago Drainage Construction Company for the sum of \$1,577. This sewer was made amply large to provide for any new connections that may be required for future buildings.

NEW BUILDINGS.

At the recommendation of the Board of Administration, the last General Assembly made appropriations for buildings at this institution as shown in the accompanying table:

Building.	Contractor	Contract price.
Administration	W. Allen Co.....	\$ 93,065 30
Two receiving	C. P. Hanson Co	141,942 00
Two infirmary	C. E. Carson	99,295 00
Untidy cottage	W. P. & W. J. O'Connor	35,061 00
Nurses' home	Callahan-Mandl	72,071 00

At the time of this writing, all of the above buildings are under construction, and we hope that all will be ready for occupancy before next summer. The general style of architecture is similar in all. Each have dark-red, pressed brick exteriors with cut stone bases and slate roofs.

The Administration Building is to be three stories in height, 187 feet long and 75 feet deep. It will occupy a portion of the site of the former poor-house with the front entrance facing Irving Park Boulevard and some 250 feet back from the street. In this building ample provision is made for office room of all descriptions upon the ground floor, arranged in a satisfactory and economical manner. Special arrangement is made for the filing of the records under the care of the business clerk and the record clerk. Upon the second floor are quarters for the superintendent, assistant superintendent, and official guests. The third floor is given up to rooms for the staff members. All in all, this building, when completed, should be most satisfactory.

The receiving wards, two in number, are two stories in height, 238 feet long and 65 feet deep. They are identical in plan, one for men and one for women, located opposite each other on the main drive between the present Administration Building and the Hospital Building. Both will care for about 100 patients and are well provided with complete hydrotherapy departments.

The two so-called infirmary cottages, to be known as CW 15 and 16, are two stories high with 100 foot frontage and 100 feet deep, built in the form of a T. They face the south and are located just west of the poor-house boiler-room, fronting the driveway that connects with the old consumptive hospital. These cottages are not provided with a dining-room, and hence cannot be used for a feeble class of patients.

The untidy cottage to be known as CW17, is located to the west of the above wards near the main track of the Chicago, Milwaukee & St. Paul Railway line running through our property. This building faces the east, is but one story high and 250 feet long. When completed, it will accommodate about 100 patients.

The Nurses' Home is located directly west of the present paint shop, facing east. It is three stories high, 187 feet long and 75 feet deep and will quarter about 150 employees.

Early in the spring of this year, 1914, the group of buildings formerly known as the Cook County Consumptive Hospital, now the "Annex," was thoroughly overhauled, cleaned, disinfected and calcimined, and now houses about 325 patients, all male. Formerly they were heated with furnaces and stoves, using anthracite coal to the amount of about \$15,000 annually. At a cost of \$9,887, A. Kilander & Son of Chicago have just completed a two-pipe vacuum steam-heating system in the building. This is being connected with the old poor-house boiler-room, a distance of 1,500 feet, by a conduit built by the institution at a cost of about \$2,700. At a cost of \$925, J. Bobbe & Company are now painting the entire building, thus improving its appearance marvelously.

The Troy Laundry Machinery Company have signed a contract for \$10,358 to install complete new laundry equipment, electrically-driven machinery and electrically-heated irons. As soon as provision can be made to supply the necessary electricity, the laundry building will be repaired, a new concrete floor made and the new equipment installed. Until such time, we will be obliged to work under great disadvantages, as the present laundry equipment is not only obsolete, but it is so worn that adequate repairs can hardly be made.

Floors, Ceilings, Locks, Fire Escapes, Etc.—For this work \$32,000 has been appropriated. For \$7,400 the Schillinger Construction Company of Chicago have put a new reinforced concrete floor in CW5 (the bath and toilet rooms having terrazzo floors), concrete floors in the toilet-room and dining-room of DW5A and a monolithic terrazzo floor in the general dining-room. General toilets and wash-rooms, six in number, in the DW building were recently equipped with new concrete floors by Barrett & McCall of Chicago. New slate roofs have been put on porches of CW1, CW2, CW3, CW4 and the porch on DW2 has one of galvanized iron. A fire-escape has been placed on the front of the main building to which all floors of the central part have easy access. While of simple construction and not very costly, it will provide a means of reaching the ground or the roof in case of fire. Fire-escapes for other buildings will be provided in a short time. The gravel roof over the general patients' dining-room having given out several years ago, has been removed and replaced by a five-year guaranteed gravel and felt roof by the Aug. Burke Roofing Company for the sum of \$480.

Plumbing.—For this work \$10,000 was appropriated. New plumbing to the extent of \$8,764.72 has just been installed by Barrett & McCall, Chicago. Practically all fixtures in CW1, CW2, CW3, CW4, CW5, CW6, DW5A, DW1, DW2, DW3, and DW4 were replaced, new service and sewer lines run, etc. Employees' bath-rooms, very badly needed, and drinking fountains were put in CW1, CW2, CW3, and CW4. Also a new toilet-room on the ground floor of the hospital ward.

Root Cellar.—The Warner Construction Company built, for \$2,000, a small root cellar or vegetable house, about 40 by 60 feet. While this is much too small for our needs, it helps to fill a long felt want, and, being near the main kitchen, is quite accessible.

Painting.—Twelve thousand dollars was allowed for painting. For \$2,182, T. Bobbe & Son, Chicago, have just completed the entire exteriors of CW1, CW2, CW3, CW4, and DW5A, as well as exterior trim, porches, fire-escapes, gutters, down-spouts, etc., in CW5, 6, 7, 8, 9, DW1, 2, 3, and 4.

Fences.—For the sum of \$2,200 the Cyclone Fence Company of Waukegan erected for us 3,600 feet of fabric fencing, 7 feet high on steel posts, 7 feet apart, set in concrete, extending from the Consumptive Hospital grounds west along our farm land on Irving Park Boulevard to Seventy-second Avenue, then north and east along the railroad. This makes an elegant appearing, serviceable fence, unclimbable from either side. Very few of our farm products have been stolen since the fence was erected. It should be extended about the entire grounds.

Heat, Light, Power and Cold Storage Contracts.—As set forth in the last biennial report for this institution, the power-plant equipment was in such a state of general dilapidation that the expense of operating was almost prohibitive. Investigation showed that the coal consumed at the old poor-house power-plant was excessive. The fuel waste was traced back directly to the boiler furnaces and settings themselves. To stop this waste, a contract was made with John W. McNeal, whereby for the sum of \$733 he replaced the Hawley tubes, plugs, lower grates, etc., and also furnished two complete fronts for the furnaces. After the fire-brick, baffling and lining had been repaired, it was found that the consumption of coal had been lowered remarkably.

At the main power-plant, the following contract work has been done or is at the time of this writing under way: Re-setting four 250 h.p. Edgemoor boilers, National Power Construction Company, cost \$1,325; repairs to chain grates of the above four boilers, new type chains and sprockets, pressure waterbacks, side inspection doors, front support columns and hopper extensions, let to Green Engineering Company for \$2,630; repairs to old No. 5 boiler so same can be used in emergencies at low pressure, John Mohr & Sons, \$182.30; new 3,000 gallon domestic water heater, Murphy & Walsh, Pekin, Ill., price \$170; new 1,000 h.p. Cochrane open feed water heater, A. Kilander & Company, price \$1,496.

Two other contracts, not previously mentioned, were those entered into by the S. Krug Wrecking Company and by J. O'Brien for wrecking the old Infirmary Building and removing the material from the grounds. The former wrecked two wings for \$6,700, while the latter wrecked four wings for \$990.

REPAIRS AND IMPROVEMENTS BY OUR OWN MECHANICAL FORCE.

The work done by the institution's mechanical department has been carried on since February, 1912, under the very efficient direction of Mr. E. B. Lloyd, chief engineer, of whose ingenuity and industry I desire here to express my appreciation. This department is sub-divided about as in other hospitals, viz:

- | | |
|-------------------|---------------------------|
| (a) Engineering. | (b) Electrical. |
| (c) Mechanical. | (d) Plumbing. |
| (e) Steamfitting. | (f) Mason and plastering. |
| (g) Painting. | (h) Tinsmithing, etc. |

Engineering.—In this department, with practically no new equipment, quite a saving has been effected. Our consumption of coal was 3,800 tons lower this year than the year previous. In 1913, we used 22 barrels less engine oil, 6 barrels less cylinder oil, 350 pounds less ammonia and about \$500 worth less boiler compound than during the year 1912. Furthermore, we have cut the water consumption in half. Today, October 1, 1914, the entire institution is being operated by two boilers with only 4 inches of coal on the grates. During the hottest months of 1912 the main power-plant was running three boilers with from 8 to 10 inches of coal on the grates, and, in addition, two small boilers were in operation at the Annex plant. The new feed-water heater now being installed should cut another 10 per cent off the fuel bill. To accomplish these results, we proceeded in the following way: An engine indicator was purchased and the valves of all engines and pumps accurately set to lower steam consumption. Engine oil is now run through a filter and re-used. We make our own boiler compound, which gives better results than that we buy, and the cost is under \$10 per month. In the refrigerating department, we bricked up all but one window, repaired floors, doors and ceilings, then lined same with galvanized iron. Furthermore, we replaced the salt brine with calcium brine, carried lower brine temperatures, and so do not have to run the ammonia compressor more than 10 hours per day as against 24 hours per day in the past. For the sum of \$354 a 2½-inch high pressure steam line insulated with a 2-inch covering, water-proofed and encased in solid concrete was built from the main power-plant to connect with the buildings at the south end of the grounds, a distance of about 1,150 feet, so that now, for five months in the year, the old poor-house boiler-room can be shut down, cutting the coal bill in half and saving \$300 per month in salaries. Some sixteen new steam traps have been installed to take the place of old and useless traps in various buildings. In the basement of CW1, CW2, CW3, and CW4, also in the tunnel under the main building, much of the exposed steam and hot water piping has been insulated. An automatic boiler flue gas collector and analyzing outfit has been purchased, and in a short time we will be able to ascertain the most economical methods of burning coal in our boilers to get the best results.

Electrical Department.—In this department two electricians are employed. Besides the minor emergency work coming up every day, they have racked up all cables and placed them underground. Many of the buildings have been partially re-wired, the service lines being run in conduit. The old Consumptive Hospital, which, under the county, purchased its electricity, has been connected to the main power-plant

through a recently erected transformer and new primary lines. New fixtures have been purchased and placed in CW13 and CW14. The fire alarm system has been radically changed and greatly improved. As fast as possible the old carbon filament lamps are being replaced with the more economical tungsten lamps.

Mechanical Department.—The two machinists are kept busy repairing laundry machinery and power-plant apparatus. They have overhauled and put improved fastenings on window guards in DW2, part of DW1, 3, and 4. They have repaired nearly 800 beds and have put new spring fabric on hundreds of beds in the past two years.

Plumbing Department.—We have two regular plumbers and one extra man when needed. As an illustration of what they do, let me say that two years ago our water consumption ran from 875,000 to 1,250,000 gallons per day. It now averages between 400,000 and 450,000 gallons per day. This reduction in the water consumption is the direct result of careful search for leaks and waste and their immediate repairs when found. Wherever possible, the old faucets have been replaced with $\frac{1}{2}$ -inch self-closing faucets. The ammonia condenser and compressor-jacket overflow-water has been piped to the storage reservoir instead of running to the sewer. Near the south end of our rear pond there existed for years a continuous flowing spring. Upon digging in the vicinity of this spring a 4-inch pipe was discovered and traced 500 feet to the reservoir. It was found to be an old overflow pipe from the cistern and wasted many thousands of gallons of water daily for years. One of our largest undertakings consisted of running fire lines to the various buildings. Each ward in the institution is now provided with a Standard Chicago Fire Department $2\frac{1}{2}$ -inch hose connection and at least one length of hose. This required almost a mile of galvanized pipe and several thousand feet of linen hose. When the Consumptive Hospital was vacated by county patients, we found it necessary to replace most of the plumbing and fixtures. Many irrigating and flower sprinkling lines have been laid and a modern sanitary drinking fountain for public use has been set close to the main entrance of the Administration Building.

Steamfitting Department.—The steamfitters have made many needed improvements about the place and as nearly all steam lines are very old, many have had to be entirely replaced this year. The present greenhouse has seen service for many years. It is heated by steam and about a year ago it was necessary to replace all piping. Six new plant boxes running the entire length of the building were built and two steam coils were placed under each. A reducing valve controls the pressure of the steam, and valves at each end of each coil regulate the amount of steam required to keep the rooms at the desired temperature. Over two miles of pipe were required to do this work. A new cement floor was put in the greenhouse at the same time. As before mentioned, a 3,000-gallon water-tank was purchased. This has been temporarily erected in the boiler-room, a steam coil was built into it, the proper service connections made and it is now heating about 60,000 gallons of water per day for domestic use in the main building. For many years the Hospital Building has depended on the water heater in the Hydrotherapeutic Department for its supply of hot water. A 3,000-gallon tank, formerly

Mason and Plastering Department.—In this department we have one mason and one plasterer employed when needed. The tunnel under the main building connected with the power plant was found to be caving in along the north side. Temporary supports were erected, several hundreds yards of excavation done, and a solid concrete footing under the north wall. A concrete floor has been laid in this tunnel also. The sewer system having far too few clean-out manholes, three new ones were built in the farm line, two in the west line and one in the hospital kitchen line. Brick-walled pits were constructed around seven hydrants. The concrete work and four brick-walled manholes were built for the 1,150 feet steam conduit from the main building to the hospital and morgue. An 18-inch conduit, 150 feet long with one manhole, was built to connect CW13 and CW14 for steam, water and electric service lines. The windows in the cold storage room were removed and the openings bricked up. Also a brick base was put around the floor. This place was formerly overrun with rats but the building is now entirely vermin proof. To make room for more patients, part of the basements of CW3 and CW4 were converted into dining-rooms. Outside basement doors and six new windows were made for each basement. A window was also put in the east wall of each of CW1, 2, 3, and 4 to light the basement stairway. Several windows were cut in the middle wall of DW2 to allow more light to enter the center corridor used for a day room. Many brick partitions have been removed from wards in the main building, thus making larger side rooms where needed. Concrete steps and entrance, also a new doorway, have been provided for the mattress shop. New concrete piers have been put under the barn, a new concrete floor in the greenhouse, new concrete porch floors at the back entrance to DW5A and one at the hospital kitchen entrance. The rear setting of the farm ward boiler has been replaced; also a new set of grates has been provided. Brick work on nearly all buildings has been patched.

Carpentry Department.—During 1913 only three carpenters were regularly employed; during 1914, four and five.

One of the first undertakings of this biennial period was the rearrangement of the storeroom. Formerly the shelving was built around the outside wall only and between the windows. This left a great amount of space in the room itself that was wasted except for a few tables on which clothing, etc., was piled. Six new double sets of shelving from floor to ceiling were placed between the windows of the east and west sides and extended out into the room some eighteen feet. This arrangement not only practically tripled the capacity of the store, but a much neater appearance and better lighting was obtained.

In the florist's greenhouse, six new plant benches, about 5 feet wide and 125 feet long, were constructed. These were made of American Larch, a wood that is not easily rotted by moisture, and is less than half the cost of cypress, usually used for this purpose. New work benches, center supports, and a composition roof were also added. Much work was done when dining-rooms were established in the basements of CW3 and CW4, such as new metal ceiling, new sinks, dish cupboards, etc.

A polished oak-glass top partition was constructed across part of the hospital ward office to provide an office for the Deportation Depart-

used for storage purposes, was fitted with steam coils and there is now an abundant supply of hot water for the whole building. Two old heaters formerly used in cottages at the Geneva Girls' Home were installed in Cottage Wards 13 and 14. As before mentioned, one of the most notable improvements made was the construction of a 2½-inch high-pressure steam line connecting the power-plant with the Hospital Building, the morgue, and CW13 and 14. This construction has saved the State not less than \$8,000 in the past five months. The yearly consumption of mine-run coal has been reduced from 6,800 tons to less than 3,000 tons and no increase in the consumption of screenings was noticed, notwithstanding that three new cottages were heated last winter. At the farm ward a wood or coal burning Wilks type heater of small capacity has been installed. During the summer months, it is now no longer necessary to keep the large heating boiler in operation merely to supply a few gallons of hot water for farm ward use. A few handfuls of wood will heat all the water ordinarily required for domestic use. In Cottage Wards 1, 2, 3, and 4, the old gravity return heating systems are still in use. It is our aim ultimately to equip these buildings with the more modern and economical exhaust-steam vacuum systems, but no appropriation having been made for this purpose, each cottage has been equipped with a new Davis steam-reducing valve and two new traps. With this equipment it is expected that five pounds pressure will keep the buildings warm and completely drained of all condensation. In the above mentioned wards, radiators have been installed in all toilet-rooms. Formerly we were troubled each winter with frozen piping and fixtures in these rooms. When the last eight wards were added to the main building the steam mains were not increased in size, and consequently it has been extremely difficult to keep the south wing warm enough during the severe weather. To remedy this a high-pressure live-steam line has been connected with the heating mains under A1 and during the colder weather will be used to help out the exhaust steam in this section. The same conditions were met with in new Cottage 12, which is situated farthest from the engine rooms, and the same scheme used to rectify the discrepancy. As mentioned before, a 1,500 feet steam conduit to connect the poor-house boiler-room with the Consumptive Hospital (or Annex) is under construction. This will consist of a 4-inch steam main, well insulated, and a 2-inch return line running in a 15-inch vitrified conduit. The conduit will be kept dry by means of a 3-inch sub-drain. A similar line has been run to the hospital ward, the former lines having been destroyed when the old infirmary was wrecked. A new Foster, Class "G," reducing valve has been placed in the pipe line supplying steam for cooking purposes in the main kitchen. The pressure is reduced to 35 pounds for this purpose; formerly from 75 to 90 pounds was carried, and this was not only dangerous, but was disastrous to the cooking apparatus. Later on, small safety valves will be put on all jacketed kettles, steamers, etc., to prevent injury from excessive pressure. New "Everlasting" blow-off valves have been put on the four Edgemoor boilers at the main power plant. These can be operated thousands of times before they commence to leak. In the tunnels, new supports have been put under all steam and other piping that formerly was allowed to rest on the bottom of the tunnel.

ment, which makes this institution its headquarters. New porch floors, columns, railings and supports have been added to CW1, 2, 3, and 4 and new floor to cage of DW3. About 125 new ward locks have been fitted to doors of cottages and the Annex.

The main hall at the Annex has been divided by a number of partitions into day rooms, and a great many clothes boxes have been constructed.

In the hog pens, the old troughs have been replaced by new ones that are easily removable for cleaning or disinfecting.

During the past year, the patients have been doing some carpenter work. Practically all furniture has been repaired by them. A hog pen, 100 feet by 14 feet, and some twenty duck and chicken brood coops have been built by patient labor.

Painting.—During the greater part of the year 1913, only one painter was employed here. He gave most of his attention to ordinary repairs and patching. Later, several more painters were hired and more work was laid out. As mentioned before, the major share of outside work has been let by contract, the local men devoting their time to inside work. Most of the employees' rooms over the storehouse have been painted, as well as those on the second floor at the rear of the main building. The physicians' quarters in the main building have all been repainted and decorated. The exterior trim and metal work on the main building has received two coats of white lead. The Amusement Hall has been calcimined, and the first floor entrance and lobby have been painted; also basement and dining-rooms of CW3 and CW4 and the entire interior of the patients' congregate dining-room. At the present time we have a force of seven painters at work upon the interior of the hospital building, which has been almost completely repainted.

During the past two years, patients have painted almost 3,000 beds, several hundred pieces of furniture and the whole of the interior of the farm ward.

DEPARTMENTS.

SMALL SHOPS.

Mattress Shop.—We employ a mattress-maker who, with some patient help, has made four thousand one hundred and thirty mattresses. This figure includes not only new mattresses but those which have been renovated and remade; also two thousand two hundred and twenty-one pillows. Our mattresses are now made entirely of moss, which is proving very satisfactory.

Shoe Shop.—The shoe-maker is employed entirely in repairing shoes and harnesses and has taken care of three thousand two hundred pairs of shoes.

Tailor Shop.—The tailor, with two or three patients who have worked at this trade, is kept busy with the making of overalls, jumpers, combination suits and repair work. The following is a summary of the work done during this period:

New work.		Repairs.	
Jumpers	302	Coats	135
Combination suits	602	Vests	120
Overalls	1,815	Pants	331
Laundry bags.....	127	Combination suits	172
Awnings	24	Suits pressed and cleaned	310
Wagon cover	1	Overalls	698
		Jumpers	98

Sewing Room.—We have four employees in the sewing room who are assisted by twenty-one female patients. Aside from a great deal of mending, the following new work has been done during this period:

Bed sheets	13,260	Calico dresses	7,010
Rubber sheets	229	Chemises	1,284
Mattress cover	4,130	Petticoats	3,140
Pillow covers	2,122	Underwaists	240
Pillow shams	1,260	Kimonas	75
Pillow cases	7,845	Drawers	1,038
Attendants' dresses	240	White aprons	4,931
Attendants' aprons	295	Kitchen aprons	846
Attendants' bibs	405	Table cloths	859
Attendants' cuffs	405	Napkins	989
Attendants' collars	286	Curtains (pairs)	1,685
Pajama suits	261	Hand towels	14,154
Night gowns	2,693	Dish towels	2,104
Surgical gowns	132	Gloves (pairs)	722
Bath robes	93	Coffee bags	325
Men's shirts	2,989	Shades	3,000

HOUSEKEEPING DEPARTMENT.

This item deserves special mention, inasmuch as very considerable advances have been made during this period. When I first took up my duties here, there was scarcely a window curtain upon the place, save in the officers' quarters, and no table-cloths upon the wards. Many of the patients were sitting down to their meals upon rough wooden benches and knives and forks were rarely seen. We have now equipped practically all wards, where at all possible, with window curtains; knives and forks are used in the general dining-room by eight hundred patients and upon almost all wards save the very disturbed or demented ones. There are now but a very few wards using benches at the tables and the benches and rough kitchen chairs have been replaced with over seven hundred dining-room chairs. Table-cloths are now in daily use upon many wards. Hundreds of rugs, large and small, have been laid and employees' rooms have been supplied with dressers and rugs. Four hundred and fifty new beds have been substituted for beds that should have been condemned long ago. As mentioned in the previous biennial report, the furniture of all descriptions turned over by the county was in bad repair and much of it quite worn out. We have been steadily at work replacing this during the last year (\$8,752.66 expended) and have ordered a large amount not yet received.

Comfortable quarters for two physicians, the dentist and their families have been fitted up in the Annex and in various ways the quarters for other members of the staff have been made more liveable, though it should be stated that as yet they are far from ideal. The new Administration building, we hope, will make things more comfortable all around in this respect.

KITCHENS AND DINING-ROOMS.

After some investigation I became convinced that there was an undue waste of food in the kitchens and in the dining-rooms and, with the aid of the dietitian, steps were taken to reduce this waste: first, by centralizing the culinary department, and, secondly, by reducing the waste at the tables. The kitchens at the farm and upon the hospital ward were discontinued, save for a diet kitchen upon the latter ward, and all cooking thereafter was done in the one central kitchen adjoining the general dining-room. Waste, formerly amounting to seven barrels a day, was soon reduced to less than three barrels by properly serving the food upon the tables and preserving that which has been untouched at the end of the meal.

The general dining-room, as before mentioned, has been entirely repainted, together with the kitchen adjoining. A new monolithic terrazzo floor has been laid and food containers are now in use upon all tables. The patients greatly appreciate these, inasmuch as the food remains warm much longer—also waste is cut down still more. Piano music by one of the female patients is greatly appreciated at meals, some of the patients almost forgetting to eat in their enjoyment of the melodies.

Food carts for each dining-room have been ordered, and when they arrive will take the place of the present wagon delivery, thus insuring to all wards prompt delivery of food while it is still hot.

Appended is a table showing amount of preserves, pickles, etc., put up fall of 1914.

FIRE DEPARTMENT.

It is our belief that the institution is well protected from severe accidents by fire. The department consists of a fire marshal and his assistant, the chief engineer and assistant engineer, two hose companies and a hook and ladder company with crews of eight or nine men each. The equipment aside from that upon the wards consists of a hose cart, carrying six hundred feet of hose, located in a new house adjoining the morgue, a cart similarly equipped at the farm, another at the Annex and two hose carts, a hook and ladder outfit and a chemical engine at the central fire department quarters. During this period we have added seventeen hundred and fifty feet of fire hose of standard size, two new hose carts, twenty-eight hose nozzles, and upon Cottages 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, and 14 and the hospital ward, stand-pipes have been installed permanently equipped with proper lengths of hose. The fire lines surrounding the hospital ward have been strengthened through the addition of three hydrants, and an additional hydrant has been located near Cottages 13 and 14. The Annex, a wooden building, is also equipped with a chemical engine of its own.

Weekly fire drills are held upon Tuesdays and Fridays, supplemented by classes of instruction at various times and different parts of the fire alarm system are tried out daily.

Fortunately, we have suffered but two minor fires during this period. On January 9, 1914, fire, probably caused by a careless smoker,

started in the ruins of the old infirmary buildings but was speedily extinguished through the prompt and effective services of our fire department, though grateful acknowledgment must be made to the city fire department that sent an engine and company three miles to our aid. The damage was practically nothing to property but three of our firemen were rather severely injured by falling through a partly ruined floor into the basement. All, however, recovered after a few weeks' rest.

On May 9, 1914, fire was discovered in the garret of the farm cottage. This blaze was promptly extinguished by the fire department, being entirely confined to a few rafters and boards under the tile roof. The cause of this blaze is quite inexplicable, unless it can be attributed to mice, inasmuch as it was located far from the only flue in the building and no patients could get into the garret, which is accessible only through a trap door and a high step ladder. The loss was less than \$100.

THE FARM.

Our farm, consisting of one hundred and ten acres, is small for an institution of this size, but the land is very good and is given entirely over to garden crops. About fifteen acres of land, not under cultivation for many years, have been broken this fall in preparation for next spring's planting.

Some of the most satisfactory crops during the past year have been as follows:

Potatoes	2,000 bushels	Beets	60 tons
Onions	1,500 bushels	Carrots	50 tons
Tomatoes	3,126 boxes	Parsnips	50 tons
Cabbage	70,000 heads	Pumpkins	20 tons
Swiss chard	722 boxes	Melons	7,443

Swiss chard cannot be too highly recommended for institution use. It is even superior to spinach, grows robustly under all conditions, and a quarter of an acre will furnish all the greens required by a large institution. Our one planting has been cut over three times and is ready for the fourth cutting.

Five acres were put into strawberries this season. Our vineyard bore heavily this fall, tons of grapes being used on the tables and eight hundred gallons of jelly being canned.

We have now two hundred and ten young pigs and sixty brood sows, and have butchered at least eighty hogs each year, averaging three hundred and fifty pounds dressed. We have had quite a heavy loss by cholera up to the present year but only two this season. When I took charge of this institution, our entire poultry stock consisted of one chicken. We now have about one thousand chickens and one hundred ducks, which are entirely cared for by patients, and are housed in roughly-built houses not well suited for them.

Our live stock remains practically the same as at the time of the last report—seventeen horses and one cow, together with the pigs and poultry already mentioned. This fall we invested in a potato digger, which has rendered very satisfactory service; it is rapid, thorough, and does not injure the potatoes. All the work on the farm is done by the farmer, four employees and patient help. As will be dwelt upon elsewhere, there is no doubt that the farm could be used to much greater

advantage if there was enough land to allow a proper rotation of small crops with those of hay and grain.

In 1913 a 2-ton truck was purchased at a cost of \$3,150, and now does the work of about three teams, in hauling freight from the depot and in collecting and delivering laundry and other goods about the grounds.

PRESERVED PICKLES, ETC., PUT UP FALL OF 1914.

Sauerkraut	7,600 gallons	Cherries	100 quarts
Canned tomatoes	4,200 gallons	Preserved cantaloupes..	15 gallons
Sour pickles	1,500 gallons	Crab apple jelly	12 gallons
Dill pickles	1,500 gallons	Beet pickle	5 barrels
Grape jelly	800 gallons	Grape juice	2 barrels
Pumpkin	500 gallons		

STATISTICAL TABLES.

TABLE NO. 1—MOVEMENT OF POPULATION.

	Oct. 1, 1912, to Sept. 30, 1913.			Oct. 1, 1913, to Sept. 30, 1914.			Oct. 1, 1912, to Sept. 30, 1914.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Actually present beginning of period.....	1,392	1,137	2,529	1,356	1,099	2,455	1,392	1,137	2,529
On parole at beginning of period.....	76	61	137	75	27	102	76	61	137
On escape at beginning of period.....	22	.....	22	19	2	21	22	.....	22
Enrollment.....	1,490	1,198	2,688	1,450	1,128	2,578	1,490	1,198	2,688
Admitted—									
By jury commitment.....	317	117	434	682	423	1,105	999	540	1,539
By voluntary.....	3	2	5	37	10	47	40	12	52
Re-admitted including transfers.....	21	11	32	50	22	72	71	33	104
Total admissions and re-admissions....	341	130	471	769	455	1,224	1,110	585	1,695
Equilibrium total.....	1,831	1,328	3,159	2,219	1,583	3,802	2,600	1,783	4,383
Discharged—									
As recovered.....	5	4	9	89	32	121	94	36	130
As improved.....	145	102	247	110	70	180	255	172	427
As unimproved.....	1	.....	1	50	34	84	51	34	85
As stationary.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
As not insane.....	.....	.....	.....	7	2	9	7	2	9
By order of court.....	.....	1	1	1	2	3	1	3	4
Total discharged.....	151	107	258	257	140	397	408	247	655
Dropped from the roll.....	44	1	45	72	1	73	116	2	118
Deported (see table No. 1a).....	8	.....	8	44	21	65	52	21	73
Died.....	176	91	267	189	129	318	365	220	585
Transferred to—									
Elgin State Hospital.....	.....	1	1	.....	1	1	.....	2	2
Kankakee State Hospital.....	.....	.....	.....	2	1	3	2	1	3
Chester State Hospital.....	2	.....	2	.....	.....	.....	2	.....	2
Watertown State Hospital.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peoria State Hospital.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jacksonville State Hospital.....	.....	.....	.....	.....	1	1	.....	1	1
Total deaths and discharges.....	381	200	581	565	293	858	946	493	1,439
On parole at end of period.....	75	27	102	81	62	143	81	62	143
On escape at end of period.....	19	2	21	38	4	42	38	4	42
Actually present at end of period.....	1,356	1,099	2,455	1,535	1,224	2,759	1,535	1,224	2,759
Enrollment.....	1,450	1,128	2,578	1,654	1,290	2,944	1,654	1,290	2,944
Equilibrium total.....	1,831	1,328	3,159	2,219	1,583	3,802	2,600	1,783	4,383
Average number present.....	1,837	1,067	2,424	1,451	1,145	2,596	1,394	1,116	2,510
Average number enrolled.....	1,402	1,115	2,517	1,554	1,198	2,752	1,478	1,156	2,635
Percentage of deaths per annum—									
On average number present.....	13.1	8.3	11.0	13.0	11.2	12.2	13.0	9.8	11.6
On average number enrolled.....	12.5	8.1	10.6	11.5	10.7	11.5	12.3	9.5	11.1
On total admissions and re-admissions.	51.6	70.0	56.7	24.5	28.3	25.9	32.8	39.4	34.5
Percentage of recoveries per annum on total admissions and re-admissions.....	1.4	3.0	1.9	11.5	7.0	9.8	8.4	6.1	7.6
Rated capacity.....	.....	.....	.....	.....	.....	.....	.....	.....	2,653

TABLE NO. 1a—DISPOSITION OF PATIENTS DEPORTED.

	Male.	Female.	Total.		Male.	Female.	Total.
Connecticut.....	1	.....	1	Wisconsin.....	1	2	3
Iowa.....	2	.....	2	Washington, D. C..	1	.....	1
Kansas.....	1	.....	1				
Michigan.....	3	.....	3	Total to other			
Minnesota.....	.....	1	1	States.....	17	3	20
Kentucky.....	1	.....	1				
New York.....	4	.....	4	Total to Foreign			
North Dakota.....	1	.....	1	Countries.....	35	18	53
Ohio.....	1	.....	1				
South Dakota.....	1	.....	1	Total.....	52	21	73

TABLE NO. 2—RESIDENCE OF PATIENTS BY COUNTIES.

	Male.	Female.	Total.
Cook County.....	1,535	1,224	2,759

TABLE NO. 3—NATIVITY OF THOSE ADMITTED.

	Male.	Female.	Total.		Male.	Female.	Total.
Arabia.....	1	.....	1	Italy.....	40	11	51
Assyria.....	2	.....	3	Japan.....	1	.....	1
Australia.....	1	.....	1	Lithuania.....	6	1	7
Austria.....	55	26	81	Norway.....	14	13	27
Belgium.....	1	1	2	Norland.....	46	40	86
British Honduras..	1	.....	1	Porto Rico.....	1	.....	1
Bohemia.....	40	26	66	Persia.....	2	.....	2
Canada.....	8	7	15	Roumania.....	2	1	3
China.....	3	.....	3	Russia.....	74	31	105
Denmark.....	4	3	7	Scotland.....	4	2	6
England.....	19	10	29	Slavonia.....	5	3	8
Finland.....	1	1	2	Sweden.....	49	20	69
France.....	1	2	3	Spain.....	1	.....	1
Germany.....	150	90	240	Switzerland.....	5	2	7
Greece.....	3	2	5	United States.....	446	225	671
Holland.....	4	2	6	Unknown.....	65	20	94
Hungary.....	10	5	15				
Ireland.....	45	31	76	Total.....	1,110	585	1,695

TABLE NO. 4—OCCUPATION OF THOSE ADMITTED.

	Male.	Female.	Total.		Male.	Female.	Total.
Agriculture.....	15	.....	15	Transportation.....	13	.....	13
Clerical.....	47	7	54	Miscellaneous.....	35	.....	35
Commercial.....	96	28	124	None.....	55	23	78
Domestic.....	51	354	435	Unknown.....	144	125	269
Manual labor.....	320	1	321				
Professional.....	20	2	32	Total.....	1,110	585	1,695
Trades.....	314	15	329				

TABLE NO. 5—CIVIL CONDITION OF THOSE ADMITTED.

	Male.	Female.	Total.		Male.	Female.	Total.
Single.....	475	163	638	Unknwn.....	88	81	169
Married.....	494	278	772				
Widowed.....	45	61	106	Total.....	1,110	585	1,695
Divorced.....	8	2	10				

TABLE NO. 6—EDUCATION OF THOSE ADMITTED.

	Male.	Female.	Total.		Male.	Female.	Total.
Common school....	859	406	1,265	None.....	33	22	55
High school.....	26	13	39	Unknown.....	181	142	323
College.....	11	2	13				
University.....	.....	.....	.....	Total.....	1,110	585	1,695

TABLE NO. 7—RESIDENCE OF PATIENTS ADMITTED.

	Male.	Female.	Total.		Male.	Female.	Total.
Connecticut.....	1	.....	1	South Dakota.....	1	.....	1
Iowa.....	2	.....	2	Wisconsin.....	1	2	3
Kansas.....	1	.....	1	Washington, D. C..	1	.....	1
Kentucky.....	1	.....	1				
Michigan.....	3	.....	3	Total residents			
Minnesota.....	.....	1	1	of other States	18	3	21
New Jersey.....	1	.....	1	Aliens.....	35	18	53
New York.....	4	.....	4	Residents of Illinois	1,057	564	1,621
North Dakota.....	1	.....	1				
Ohio.....	1	.....	1	Total.....	1,110	585	1,695

TABLE NO. 8—HOW COMMITTED.

	Male.	Female.	Total.		Male.	Female.	Total.
Verdict.....	1,070	573	1,643	Mittimus.....			
Commission.....							
Voluntary.....	40	12	52	Total.....	1,110	585	1,695

TABLE NO. 9—FORM OF DISEASE OF THOSE ADMITTED.

	Male.	Female.	Total.
I. Infective exhaustive psychosis.....	11	16	27
II. Intoxication psychosis—			
1. Alcoholic.....	159	20	179
2. Polyneuritic.....	1	3	4
3. Drug morphine.....	3	3	6
4. Undifferentiated.....		4	4
III. Organic brain disease—			
1. Focal or diffuse disease such as Huntington's chorea, aphasia, etc.....	63	18	81
2. Senile pre-senile.....	54	40	104
3. General paralysis of the insane.....	230	42	272
IV. Dementia precox—			
1. Katatonic.....	36	18	54
2. Hebephrenic.....	58	39	97
3. Allied.....	11	2	13
4. Undifferentiated.....	129	102	231
V. Manic depressive—			
1. Manic state.....	15	11	26
2. Depressed state.....	6	4	10
3. Mixed state.....	3	1	4
4. Allied.....	8	5	13
5. Undifferentiated.....	48	73	121
VI. Involutional melancholia.....	2	5	7
VII. Depressed states not included in No. V or VI—			
1. Simple and undifferentiated depression.....	2	1	3
VIII. Paranoid states.....	50	21	71
IX. Epileptic states.....	37	7	44
X. Psychogenic neuroses—			
1. Hysteria.....		2	2
2. Neurasthenia.....	3	2	5
XI. Psychopathic personalities.....	2		2
XII. Developmental anomalies—			
1. Idiocy.....	15	4	19
2. Imbecility.....	26	10	36
3. Constitutional inferiority.....	7	2	9
4. Undifferentiated.....	10	12	22
XIII. Unclassified.....	103	79	182
XIV. Not insane.....	6	3	9
On Oct. 1, 1914, not yet diagnosed.....	12	26	38
Total.....	1,110	585	1,695

TABLE NO. 10—NUMBER OF ATTACKS OF THOSE ADMITTED.

	Male.	Female.	Total.		Male.	Female.	Total.
First.....	985	532	1,517	Fourth.....	4	1	5
Second.....	108	46	154				
Third.....	13	6	19	Total.....	1,110	585	1,695

TABLE NO. 11—DURATION OF INSANITY OF THOSE ADMITTED.

	Male.	Female.	Total.		Male.	Female.	Total.
Under one month.....	91	46	137	Ten to fourteen years.....	24	13	37
One to two months.....	71	34	105	Fifteen to nineteen years.....	14	4	18
Three to five months.....	74	39	113	Twenty to twenty-four yrs.....	2	1	3
Six to eleven months.....	80	32	112	Twenty-five years and over.....	4	4	8
One year.....	129	46	175	Unknown.....	381	253	634
Two years.....	98	33	131				
Three to four years.....	79	51	130	Total.....	1,110	585	1,695
Five to nine years.....	63	29	92				

TABLE NO. 12—AGES OF THOSE ADMITTED.

	M.	F.	Total.		M.	F.	Total.
Under fifteen years.....				Sixty to sixty-four years.....	36	10	46
Fifteen to nineteen years.....	54	39	93	Sixty-five to sixty-nine years.....	33	10	43
Twenty to twenty-four years.....	124	48	172	Seventy to seventy-four years.....	22	11	33
Twenty-five to twenty-nine yrs.....	174	70	244	Seventy-five to seventy-nine yrs.....	11	7	18
Thirty to thirty-four years.....	162	78	240	Eighty to eighty-five years.....	8	6	14
Thirty-five to thirty-nine years.....	122	85	207	Ninety years.....	1	3	4
Forty to forty-four years.....	120	68	188	Unknown.....	30	32	62
Forty-five to forty-nine years.....	89	49	138				
Fifty to fifty-four years.....	78	41	119	Total.....	1,110	585	1,695
Fifty-five to fifty-nine years.....	46	28	74				

TABLE NO. 13—AGES AT TIME OF ADMISSION OF THOSE RECOVERED.

	M.	F.	Total.		M.	F.	Total.
Under fifteen years.....	...	...	...	Fifty-five to fifty-nine years....	4	...	4
Fifteen to nineteen years.....	5	1	6	Sixty to sixty-four years.....	3	...	3
Twenty to twenty-four years....	11	5	16	Sixty-five to sixty-nine years...	1	...	1
Twenty-five to twenty-nine yrs.	9	6	15	Seventy to seventy-four years...	...	...	...
Thirty to thirty-four years....	18	7	25	Seventy-five to seventy-nine yrs.	...	...	...
Thirty-five to thirty-nine years.	13	9	22	Over eighty years.....	1	...	1
Forty to forty-four years.....	10	3	13	Unascertained.....	2	2	4
Forty-five to forty-nine years...	7	1	8				
Fifty to fifty-four years.....	10	2	12	Total.....	94	36	130

TABLE NO. 14—DURATION OF RESIDENCE IN HOSPITAL OF THOSE RECOVERED.

	M.	F.	Total.		M.	F.	Total.
Less than two months.....	7	1	8	Nineteen to twenty-three mos...	1	...	1
Two to four months.....	27	8	35	Two years or over.....	3	10	13
Five to nine months.....	44	13	57				
Ten to twelve months.....	9	3	12	Total.....	94	36	130
Thirteen to eighteen months...	3	1	4				

TABLE NO. 15—NUMBER OF ATTACKS OF THOSE RECOVERED.

	Male.	Female.	Total.		Male.	Female.	Total.
First.....	89	36	125	Fourth.....	...	...	...
Second.....	5	...	5	Total.....	94	36	130
Third.....	...	...	...				

TABLE NO. 16—FORM OF DISEASE OF THOSE RECOVERED.

	Male.	Female.	Total.		Male.	Female.	Total.
Alcoholic.....	29	3	32	Infective exhaus-	2	2	4
Manic depressive....	26	18	44	tive.....	...	...	...
Morphinism.....	1	...	1	Korsakoff psycho-	2	1	3
Dementia præcox....	11	4	15	sis.....	20	7	27
Traumatic insanity	1	...	1	Unclassified.....	...	...	...
Depressive sympto-	1	...	1	Total.....	94	36	130
matic.....	...	...	...				

TABLE NO. 17—CAUSES OF DEATH.

Cause of death.	Male.	Female.	Total.
I. General diseases—			
Acute delirious mania.....	...	2	2
Acute millary tuberculosis.....	...	1	1
Carcinoma of breast.....	...	1	1
Carcinoma of face.....	2	...	2
Carcinoma head of pancreas.....	...	1	1
Collapse delirium.....	1	...	1
Diabetes mellitus.....	...	2	2
Diphtheria.....	...	1	1
Facial erysipelas.....	...	1	1
Infective exhaustive psychosis.....	1	...	1
Ludwig's angina.....	1	...	1
Pellagra.....	1	2	3
Septicæmia.....	3	1	4
Septic infection and tonsillar abscess.....	1	...	1
Status lymphaticus.....	1	...	1
Tuberculosis of intestines.....	...	2	2
Ulcer of stomach.....	...	1	1
Gangrene of foot.....	...	1	1
II. Diseases of the nervous system and of the organs of special sense—			
Cerebral hemorrhage.....	11	8	19
Cerebral thrombosis.....	4	5	9
Cerebral tumor.....	1	1	2
Epilepsy.....	8	4	12
General paralysis of the insane.....	154	27	181
Huntington's chorea.....	...	1	1
Locomotor ataxia.....	1	1	2
Multiple neuritis.....	...	1	1
III. Diseases of the circulatory system—			
Acute dilation of the heart.....	3	3	6
Acute ulcerative endocarditis.....	1	...	1
Adhesive pericarditis.....	1	...	1
Chronic interstitial myocarditis.....	40	37	77
Hemorrhage into esophagus.....	1	...	1
Internal hemorrhage.....	1	3	4
Mitral insufficiency.....	4	3	7
Pernicious anemia.....	1	2	3
Senile arteriosclerosis.....	19	24	43
Thrombophlebitis and gangrene of foot.....	1	...	1
Valvular heart disease.....	2	...	2

TABLE NO. 17—Concluded.

Cause of death.		Male.	Female.	Total.
IV. Diseases of the respiratory system—				
Broncho pneumonia.....		15	11	26
Empyema.....		1		1
Lobar pneumonia.....		11	13	24
Oedema of the glottis.....		1		1
Pleurisy with effusion.....		2		2
Pulmonary tuberculosis.....		54	45	99
Pulmonary emphysema.....		1		1
Traumatic pneumonia.....		1		1
Tuberculosis pneumonia.....			2	2
V. Diseases of the digestive system—				
Acute enterocolitis.....			2	2
Acute ulcerative colitis.....			2	2
Chronic ulcerative colitis.....		1		1
Cholecystitis.....		1	1	2
Dysentery.....		1		1
Typhoid fever.....			1	1
VI. Diseases of the genito-urinary system—				
Acute diffuse nephritis.....		1		1
Acute parenchymatous nephritis.....		1		1
Chronic interstitial nephritis.....		3	1	4
Chronic parenchymatous nephritis.....		2	3	5
Rupture of the bladder.....		1		1
IX. Diseases of the Bone—				
None.....				
XIII. External causes—				
Formaldehyde poisoning, self administered.....		1		1
Hanging.....		1		1
Shock and injuries (jumping from window).....		1		1
XIV. Miscellaneous causes—				
Subphrenic abscesses.....			1	1
(On parole; cause unknown).....		2	1	3
Total.....		365	220	585

TABLE NO. 18—AGES AT DEATH.

M.	F.	Total.		M.	F.	Total.
Under fifteen years.....			Fifty-five to fifty-nine years....	23	17	45
Fifteen to nineteen years.....	4	3	Sixty to sixty-four years.....	21	10	31
Twenty to twenty-four years.....	14	9	Sixty-five to sixty-nine years.....	21	16	37
Twenty-five to twenty-nine yrs.....	26	15	Seventy to seventy-four years.....	16	10	26
Thirty to thirty-four years.....	35	24	Seventy-five to seventy-nine yrs.....	6	8	14
Thirty-five to thirty-nine years.....	36	21	Eighty or over.....	6	12	18
Forty to forty-four years.....	49	17	Unknown.....	27	26	53
Forty-five to forty-nine years.....	45	15	Total.....	365	220	585
Fifty to fifty-four years.....	31	17				

TABLE NO. 19—PATIENTS TRANSFERRED, RETURNED TO COUNTY.

Counties.	Where sent.	Male.	Female.	Total.
Cook County.....	Chester.....	2		2
Cook County.....	Elgin.....		2	2
Cook County.....	Jacksonville.....	1		1
Cook County.....	Kankakee.....	2	1	3
Total.....		4	4	8

TABLE NO. 20—GENERAL STATISTICS, CHICAGO STATE HOSPITAL.

Oct. 1, 1910, to Sept. 30, 1914..

	Male.	Female.	Male.	Female.	Total
Total enrolled, Oct. 1, 1910.....			1,276	1,123	2,399
Total admissions Oct. 1, 1910 to Sept. 30, 1914.....			2,577	1,483	4,060
Total.....			3,853	2,606	6,459
Total discharged—					
Recovered.....	138	65			
Improved.....	619	473			
Unimproved.....	194	137			
Not insane.....	9	2			
Order of court.....	4	4			
Total died.....	799	457			
Transferred and deported.....	210	166			
Escaped and subsequently dropped.....	226	12			
			2,199	1,316	3,515
Remaining on enrollment, Sept. 30, 1914.....			1,654	1,290	2,944

Data in above table is for period Oct. 1, 1910 to Sept. 30, 1914 for the reason that prior to Oct. 1, 1910, such records were not kept nor required by Cook County Board of Commissioners..

FINANCIAL STATEMENTS.

HISTORY OF APPROPRIATIONS OF THE CHICAGO STATE HOSPITAL.

For the biennial period ending Sept. 30, 1914.

Appropriation for—	Balance in fund Oct. 1, 1912.	Appropriation, 1913 and 1914.	Miscellaneous collections and supplies transferred added to fund.	Total.	Vouchers forwarded for payment.	Lapsed into general revenue fund Sept. 30, 1913.	Balance in fund Sept. 30, 1914.
Ordinary operating expenses*.....	\$322,901 04	\$966,240 00	\$6,779 45	\$1,295,920 49	\$820,272 62	.....	\$475,647 87
Ordinary repairs and improvements.....	24,741 85	110,000 00	.....	134,741 85	82,516 93	.....	52,224 92
Ordinary care and improvements of grounds.....	1,446 50	5,000 00	.....	6,446 50	4,380 36	.....	2,066 14
Repairing roofs.....	836 78	.....	.....	836 78	823 60	\$ 13 18	.....
New buildings and wrecking (re-appropriation).....	110,000 00	42,748 46	.....	152,748 46	108,825 70	42,748 46	1,174 30
Root cellar.....	.....	2,000 00	.....	2,000 00	2,000 00	.....	.....
Plumbing.....	.....	10,000 00	.....	10,000 00	9,007 22	.....	992 78
Furniture.....	.....	12,000 00	.....	12,000 00	5,523 05	.....	6,476 95
Fences.....	.....	2,300 00	.....	2,300 00	2,300 00	.....	.....
Painting.....	.....	12,000 00	.....	12,000 00	2,237 77	.....	9,762 23
Laundry machinery.....	.....	15,000 00	.....	15,000 00	16 56	.....	14,983 44
Floors, ceilings, locks and fire escapes.....	.....	22,000 00	.....	22,000 00	5,286 29	.....	16,713 71
Nurses home.....	.....	90,000 00	.....	90,000 00	1,456 42	.....	88,543 58
Heat, light, power, ventilating plant.....	.....	164,000 00	.....	164,000 00	5,198 93	.....	158,801 07
Receiving service building.....	.....	275,000 00	.....	275,000 00	37 68	.....	274,962 32
Cottages to replace infirmary wards.....	.....	150,000 00	.....	150,000 00	66 83	.....	149,933 17
Total.....	\$459,926 17	\$1,878,288 46	\$6,779 45	\$2,344,994 08	\$1,049,949 96	\$42,761 64	\$1,252,282 48

* Contingent fund included.

CONSOLIDATED PAY ROLL.

Showing the salaries and wages of each officer and employee on account of all funds for two years ending Sept. 30, 1914.

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Lehninger, Dr. Geo. L.....	Superintendent.....	17	24	.....	\$1,836 63	\$3,828 92
Clarke, F. B. Dr.....	Acting superintendent.....	2	14	.....	510 74	.....
Aaron, James.....	Attendant.....	.....	20	.....	.....	16 13
Adams, Mand.....	do.....	15	25	.....	218 17	113 95
Adams, Quincy.....	do.....	.....	8 1	.....	81 10	.....
Adams, Willis.....	do.....	15	16	.....	280 05	160 06
Adrian, I. N.....	Property and economy officer	1	.....	.....	.....	125 00
Advance Roofing & Sheet Metal Works.....	Slaters.....	1	.....	.....	.....	337 30

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Ahearn, Margaret.	Attendant.	20	13		\$199 15	\$254 90
Aiken, Clyde.	.do.	24			408 00	424 90
Aiken, Elmer.	.do.	24			486 29	620 00
Albertson, Jos.	Attendant and supervising nurse.	2	2			52 62
Allyn Archie.	.do.	1	15½		37 31	
Anderson, Frank.	.do.	7	15		5 83	12 10
Anderson, Nellie.	.do.	23			230 00	255 09
Anderson, Sadie.	.do.	22	8		216 99	276 47
Anderson, Victor.	.do.		23		19 11	
Arado, Joseph.	.do.	3	7		72 98	6 85
Arbogast, Ada.	.do.	5	7		104 52	
Arche, Arthur.	.do.	½			40	
Arendt, Sophia.	Domestic.	24			300 00	321 00
Armes, George.	Attendant.		17		13 87	
Armitage, Mary.	.do.	7	24		166 59	
Arnett, Elizabeth.	.do.	2	5			43 23
Arnold, C. C.	.do.	11	9		148 77	202 67
Arthurholtz, Elmo.	.do.		23		14 84	
Askew, Esther.	.do.	1	3			31 46
Askew, Finis.	.do.	1	22			49 99
Askew, Geo.	.do.		23			18 73
Askew, Hetty.	.do.	1	19			32 41
Askew, Ray.	.do.	1				25 00
Aultmann, Emma.	.do.	6	24			134 81
Aultmann, Giles N.	.do.	6	9			157 26
Avoy, Mary.	Domestic.	1	13		28 09	
Bach, Bertha S.	.do.	24			336 00	336 00
Bachmann, Otto F.	Cook.	21	15½		475 00	600 00
Bagley, T. J.	Attendant.	3	1			76 36
Bagley, Winifred.	.do.	5	9			111 50
Bailey, Jno.	Plasterer.			1,055	773 87	
Baist, Herman.	Attendant.	6	10		157 26	
Baker, Clyde.	.do.		13		10 83	
Baker, Ethel.	.do.		4			2 79
Baker, Mary E.	Domestic.	23	28		312 43	360 00
Balla, Edw.	Attendant.		20			16 53
Barger, Jno. E.	Laborer.	24			315 00	360 00
Barger, Lenna.	Attendant.	8	17½		36 77	133 70
Barger, Victor.	.do.	7	21		19 17	186 33
Barger, Webster.	.do.	4	12		100 17	16 55
Barker, L.	.do.		30		24 19	
Barnes, Louis.	.do.	3	30		74 19	25 06
Barry, Philip.	.do.		23			18 56
Bass, Bessie.	.do.	19	1½		224 46	189 00
Beasley, L. H.	.do.	1	19		57 17	
Beasley, Mrs. L. H.	Domestic.	1	20		50 00	
Beasley, Martin.	Attendant.		22		24 84	
Beasley, S. R.	.do.	4	21			120 97
Becker, Eda.	.do.	2	2			1 33
Becker, H. J.	.do.	18			14 51	
Becker, John.	Laborer.	19½			15 91	
Becker, Robt.	Attendant.		11			9 17
Beckwith, T. H.	.do.	3	1½		76 21	
Beckwith, Wm. M.	.do.	1	19		39 89	
Bell, Jno.	.do.		1			81
Bell, Mae.	.do.		1			65
Bellah, R.	.do.		25		20 16	
Bellemore, Mae.	.do.	2	14			49 03
Below, Robt.	.do.	2	8			55 64
Berkholtz, Wm.	.do.	3				74 38
Best, Mary.	.do.	1	26			37 33
Best, W. M.	.do.	1	26			46 67
Biemick, Mathew.	Steamfitter's helper.	4			416 00	
Birch, Allie.	Attendant.	2	11			58 87
Birkigt, Edward.	Furniture repairer.	8	5		109 68	215 48
Bissounette, Armond.	Attendant.	2	17			63 71
Bizeau, May.	.do.	1	16		30 33	
Bjerke, Oscar.	.do.		26½		23 66	
Blake, Isabelle.	.do.	2	15			50 90
Blake, O. D.	.do.		18			15 00
Blake, T. A.	.do.	2	15			63 63
Bland, Dora.	.do.	3	16			70 32
Bobo, Frances.	.do.		22			14 19
Bodine, Edith.	.do.	20	22		279 84	341 50
Bond, Mabel.	.do.		16½		11 00	
Boner, Archie.	.do.	14	8		480 00	90 32

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Bonn, Olga.	Attendant.	3	25			\$ 76 73
Borham, I. H.	Supervising nurse.	7	18		\$ 530 65	
Borham, Katherine.	Attendant.	23	12		468 93	476 74
Borham, Paul.	do.	2	21		66 12	
Botcheck, Thos. J.	do.		11			8 87
Bourke, Helen A.	Supervising nurse.	3	3		154 84	
Bouska, Louis.	Attendant.	4	6			103 87
Boyle, Jno.	Steamfitter.			24		17 70
Braday, Ira.	Attendant.		28			23 33
Bradley, J. V.	do.		23 ¹ ₂		20 98	
Brady, B. E.	do.		26 ¹ ₂			23 36
Bransfield, J. J.	Stenographer.	13	6		115 77	1,167 13
Brayman, T. L.	Attendant.		29			25 12
Brayman, May.	do.		29			20 09
Breitenbach, Clara.	Domestic.	4	25		101 92	
Brewer, Arthur.	Attendant.		3			2 42
Bridgmann, Margaret.	Domestic.	7	16			151 42
Brockman, John.	Attendant.	8	23		86 92	133 79
Brooks, Arthur.	do.		8			6 45
Brown, Bessie.	do.	4	9			85 81
Brown, C. O.	do.	4	9			107 26
Brown, Desda.	do.		13			8 67
Brown, Edward.	do.		16		14 31	
Brown, G. C.	do.		12		9 68	
Brown, Hal.	do.	1	3		27 50	
Brush, R. A.	do.	12	19		15 83	320 00
Buckley, Hannah.	do.	8	28		183 77	
Buntin, Maude.	do.	7	25		160 15	
Burke, J. J.	do.	24			624 00	624 00
Burke, Veronica.	do.	3	27			81 91
Burns, James J.	do.	5	15		66 67	70 32
Burns, J. F.	do.	2	16		63 33	
Burroughs, B. J.	do.	24			396 00	439 55
Burroughs, Leona.	do.	4	19			91 50
Burroughs, Mabel.	Domestic.	4			80 00	
Burroughs, Maude.	Attendant.	17	12		246 77	123 36
Burroughs, Stella.	do.	4	20			92 16
Burton, Georgie.	do.		11			10 63
Busse, Mary.	do.	22	21		360 00	319 64
Byars, Pearl.	do.	1	15			29 68
Byrne, Lizzie.	do.	1	2		21 06	
Byrne, Peter.	do.		3		2 42	
Caler, Blanch.	do.	5	6 ¹ ₂			102 89
Callahan, Edwin.	do.	4	6			104 04
Callahan, Effie.	Domestic.	13	10 ¹ ₂		55 80	216 61
Callahan, Luella.	Attendant.	4	7			84 52
Callahan, R. D.	Laborer.	13	10		83 23	323 58
Cameron, Wm.	Machinist.			3,839	1,129 70	1,443 48
Cann, Emma.	Attendant.	1				19 35
Canty, Annie.	Domestic.	23	24		300 00	294 35
Canty, Nellie.	Attendant.	23	28		480 00	476 13
Carbray, Jos.	Butcher.	14			120 00	720 00
Cardwell, Chas.	Machinist.			220	144 33	
Cardwell, Chas.	do.			312	210 59	
Cardwell, Mamie.	Attendant.	2	28		58 67	
Carney, Chas.	do.		8			6 67
Carney, James.	do.		16		13 33	
Carr, J. M.	Cook.	22	20		720 00	638 71
Carson, A. L.	Attendant.		3 ¹ ₂		2 82	
Carter, Bert.	do.	10	2		376 52	
Carter, Nellie.	do.	10	2		301 94	
Carter, Walter.	do.		9			7 50
Cartwright, Lillian.	Domestic.	5	28			125 11
Castleberry, Geo. P.	Attendant.	9			315 00	
Castleberry, Stella Stafford.	do.	8	13		276 32	
Cavitt, Ezra.	do.	1	2 ¹ ₂		26 31	
Cazadd, Luther.	do.	2				59 00
Cazadd, Mary.	do.	1	27			46 03
Chamberlain, Alyce.	do.		22			14 67
Chamberlain, E. R.	do.	1	14			36 15
Chamness, Burrell.	do.	3	22 ¹ ₂		86 25	7 26
Chandler, G. C.	do.	21	3 ¹ ₂		408 00	320 82
Chappell, B. F.	do.	6	29		271 70	
Chitwood, Gladys.	do.	23	22		250 00	277 17
Chitwood, W. B.	do.	23	15		313 23	352 16
Cholewinski, Alfred.	Laborer.	5			175 00	
Chrisman, Cora.	Attendant.	23	16 ¹ ₂		239 24	325 00
Christoffersen, Bessie.	do.	1	23			34 84

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Civis, Minnie.....	Attendant.....	2	14			\$ 69 61
Clark, Adelaide.....	do.....	4	15			89 68
Clark, J. G.....	do.....	23	24		\$ 320 00	354 00
Clemmons, Harry.....	do.....	1	21			41 94
Clemmons, Nelson.....	do.....	22			17 98	
Cliff, F. N.....	Interne.....	6	18		57 26	108 03
Clinton, J. C.....	Attendant.....	2	6			54 84
Clyne, Sarah.....	Attendant; nurse.....	21			382 00	440 00
Cobb, J. V.....	Attendant.....	1	26			45 96
Cobb, Katherine.....	do.....	1	26			36 78
Coffield, W. J.....	Assistant laundryman.....	1	20		58 33	
Cohan, Leonard.....	Cook.....	1	13		57 33	
Coleman, J. W.....	Attendant.....	1	10		33 33	
Collar, Hazel.....	do.....	1	19			31 61
Compton, Homer.....	do.....		21		2 09	
Conklin, Fred.....	do.....	2	29½		74 58	
Conlin, Michael.....	Steamfitter.....	7	25	1,083	1,634 85	333 00
Connell, Clara.....	Attendant.....	1	2		20 91	
Connors, Jas. J.....	do.....	13	17		321 84	90 84
Constant, Harry.....	do.....	7	9		185 33	
Constant, Nellie.....	do.....	5	10		107 67	
Coogan, Mary A.....	do.....	16	9		396 92	157 85
Cook, Catherine.....	do.....	23	12½		400 32	393 05
Cook, Mary A.....	do.....	6	2		121 33	
Cook, W. M.....	do.....	23	27		451 10	456 00
Coonce, Halley.....	do.....	4	2			103 60
Cooper, Cora.....	do.....	3	3		9 33	52 26
Cooper, Ora.....	do.....	2	5			43 95
Cooperstein, Joseph.....	Assistant physician.....	3	23		374 19	
Corbett, Jas. J.....	Attendant.....	1	12			47 16
Corn, Freda.....	do.....	2	3			41 94
Corn, Ray.....	do.....		10			8 06
Cornell, Louise.....	do.....	10	21		325 16	15 63
Cotner, Nellie.....	do.....	6	10		5 33	120 97
Cox, Edgar.....	do.....	4	14½			111 69
Coughlin, Martha.....	Stenographer.....		4			9 20
Courtney, Tim.....	Fireman.....	5	14		457 93	
Cox, David.....	Attendant.....	1	20½			41 53
Cox, Frank.....	Supervising nurse.....	6	29		362 27	
Cox Lester.....	Attendant.....	1	22			42 93
Coyne, J. L.....	do.....	22	19		429 74	504 00
Crawshaw, A. B.....	do.....	4	16½		69 61	42 74
Crawshaw, Hattie.....	do.....	12	16		213 81	61 69
Crawshaw, H. W.....	do.....	13	29		313 84	87 74
Cromer, Benj.....	do.....	6	27			171 47
Cruse, Laura.....	do.....		7			4 52
Cullen, Harry.....	do.....		24			19 90
Cullen, Jos.....	do.....		9			7 26
Cullinane, Timothy.....	do.....	24			420 00	420 00
Cummings, Gertrude.....	do.....	10	29½		134 80	106 56
Cunningham, H. G.....	do.....		6		4 84	
Curley, Patrick.....	do.....	6	12		224 00	
Curry, Mary.....	do.....		30			19 36
Curry, R. G.....	do.....		27			21 77
Curry, Wm.....	do.....	2	21			66 94
Curtin, Daniel S.....	Storekeeper.....	7	24		712 58	
Curtis, H.....	Attendant.....	1			37 00	
Daily, W. J.....	do.....	9	17		251 59	
Davenport, Howard.....	do.....	14	7½		365 30	\$1 50
Davis, Frances.....	do.....	3	17			70 68
Davis, H. A.....	do.....	4	11			113 87
Davis, Harry.....	do.....		4½			4 02
Davis, Lester.....	do.....	5	3			127 50
Davis, Mary.....	do.....	5	3			102 00
Dean, Margaret.....	do.....	22	4½		363 18	410 09
Deans, Stella.....	do.....		5			4 83
Dearborn, W. H.....	do.....		8½			6 99
Decker, Mark.....	do.....		20½			17 09
Decker, Wm.....	do.....	5	7		130 65	
Deivers, Otto.....	do.....		11			9 03
DeLand, Bertha.....	do.....	4	28		98 67	
DeLand, Roland.....	do.....	4	26		121 66	
Dellibac, Ida.....	do.....	1	10			25 81
Demings, Etta.....	do.....	1	17		31 10	
Denison, Geo.....	do.....	3	14			86 39
Dennis, Chas. J.....	do.....	7	24½			206 12
Denny, T. J.....	Dentist.....	8	19			860 32
Derby, R. T.....	Painter.....	23	22		1,519 73	1,684 80

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Devlin, James	Clerk	8	24		\$ 517 37	
Devore, J. M.	Attendant		7			\$ 5 83
Dillon, Ella	..do.	7	4		254 32	
Dingl, Frank	Assistant baker	1	8		82 39	
Doan, Ethel	Attendant	23	30		418 87	435 00
Doan, H. R.	..do.		11½		9 59	
Dodd, Olive L.	..do.		8		7 74	
Dolan, Anna	..do.	11	18½		91 93	146 80
Donithan, Claude	..do.	1	21			41 94
Donnelly, Frank	Laborer	2	25		86 33	
Donnelly, James	Attendant		8			6 67
Donner, Bertha	Domestic	3	7			64 67
Donohue, Charles	Machinist's helper			216	90 38	1 76
Donovan, T. J.	Stationary engineer		5			19 50
Dottie, Edna J.	Attendant	12	9		244 75	10 89
Douder, Jno.	..do.		14			11 35
Douglas, Monta	Attendant; nurse	24			471 00	480 00
Doxtater, E.	Attendant	3	14			86 29
Doyle, Jas. T.	..do.	1	8			31 45
Doyle, Jas. J.	Clerk	16	19		1,099 92	428 84
Driscoll, Timothy J.	Boiler washer	23	22		1,267 39	1,229 51
Duggan, Nana	Attendant		22		23 42	
Dungy, Wm.	..do.	1	27			46 77
Dunn, Clara	Physician	1			150 00	
Dunn, J. G.	Attendant	24			540 00	540 00
Dwyer, Helena	..do.	8	17		290 50	
Dwyer, Margaret	..do.	23	29		408 00	424 87
Dyer, H. M.	Carpenter	6	8		847 25	
Easley, Nancy	Attendant		18			11 61
Eaton, Ralph	..do.		16			12 90
Eberwein, Henry	..do.	1	26			45 97
Ebey, Harry	..do.		12½		10 34	
Eckles, Lora	..do.	8	8½			189 76
Edgar, Thomas	Steward	20	2		945 46	876 09
Edwards, Beulah	Attendant	2	16		8 00	42 58
Edwards, Milton	..do.	2	16		10 00	53 23
Edwards, Perry	..do.	4	4			103 23
Ehmke, Chas.	..do.	2	16			62 09
Eisenberg, Simon	..do.	9	13		281 61	
Eldridge, Harmon	..do.	1				25 00
Eldridge, Harry	..do.		22		17 98	
Elfman, Herman	..do.	2	26			70 89
Elkins, C. E.	Clerk	7				350 00
Elkins, John	Attendant	2	19½			66 31
Elkins, Robt.	..do.	9	8			235 08
Eller, Harold	..do.	4	6			104 84
Elliott, Geo.	..do.	1	4			28 11
Ellis, C. C.	Physician	21	23		1,202 90	1,545 00
Emerson, Stella	Attendant	12	15½		64 33	189 86
Endsley, L. J.	..do.	5	3		25 00	137 77
Endsley, Oral	..do.	2	3		20 00	21 35
Endsley, Otto	..do.	3	6			78 49
Epstein, Sallie	..do.		8			5 16
Erickson, Roy	..do.	17	29½		164 59	359 03
Erkmann, Lula	..do.	20	26		214 77	235 06
Ernst, Stephen J.	..do.	3	16½		88 56	
Ernst, Wm.	Butcher	2	28		209 03	
Estes, Clarence O.	Attendant		16		12 90	
Eulberg, Jno.	Painter			3,156	570 90	1,487 20
Ewing, Edwin	Attendant	2	6			55 00
Ewing, Josephine	..do.		15			10 00
Falkenskov, Julius	Laborer	24			325 00	360 00
Farley, Chas.	Laundryman	22	27		654 00	720 00
Feezor, Harry O.	Attendant	24			360 00	392 00
Feezor, Nellie	..do.	24			250 00	280 00
Feith, John	Cook	18	16		324 19	600 00
Feldkamp, Marie	Stenographer	9	5		515 13	60 00
Ferguson, Cora	Domestic	1	14		29 38	
Ferguson, Essie	Attendant		3			2 00
Ferrell, Jno. R.	..do.	3	21		122 92	
Ferrell, Ollie	..do.		5½		5 32	
Firkik, A. J.	Interne	2	19			130 65
Fischer, Herman	Attendant	9	23½		330 62	
Fischer, Wm.	..do.		19			15 51
Fish, S. R.	..do.	21			360 00	360 00
Fischer, Eugene	..do.	2	14		55 65	5 35
Fiske, W. E.	..do.	2			8 33	42 54
Fitch, Jennie	..do.	23	24		474 67	476 13

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Fite, Walter	Attendant	4	4		\$ 102 66	
Flanagan, Mary	do.	1	43		22 77	
Fleming, Alma	do.	2	20			\$ 52 90
Fleming, Clyde	do.	9	10		257 94	
Fleming, D. E.	do.		23			18 55
Fletcher, Edna	do.	4	11			90 13
Fletcher, Robt.	do.	4	1			102 12
Ford, Patrick	Machinist's helper			1,542		653 98
Forgue, Alvadore	Laborer	24			317 00	384 00
Forgue, Florence	Domestic	23	8		237 00	272 17
Forsyth, Percy W.	Attendant	3	5		80 77	
Foster, Bodil	do.		27		17 42	
Foster, C. R.	do.	1	19			40 41
Foster, J. M.	do.	27			21 77	
Frankil, Max E.	do.	1	27			46 77
Franklin, W. W.	do.	5	10		133 06	
Fravel, Frona	do.	3	2			61 33
Fredericks, Jno.	Assistant engineer		24		90 58	
Freeborn, H. B.	Attendant	2	28			72 58
Freeborn, Sarah	do.	5	26			116 54
Freemmel, H. J.	Interne and assistant physician	8	20		593 28	
Freemmel, I. F.	Physician and acting assistant superintendent	15	6		1,719 63	431 13
Frisby, Nettie	Attendant		18		11 91	
Frisch, I. J.	Assistant physician	10	16		1,051 61	
Fry, Mildred	Attendant	1	5		23 41	
Fuhr, Curtis	do.	1	28			49 26
Fuhr, Minnie	do.	1	23			39 40
Full, O. G.	do.		12		10 32	
Funkhouser, Jas.	do.		9			7 32
Funkhouser, Ruby	do.		9			5 55
Furlong, John	do.	21	21		266 77	376 46
Furlong, Joseph	do.	9	1		239 54	
Furlong, Olga	do.	17	29		138 39	270 08
Gabler, Thomas	Shoemaker	20	12		343 87	492 00
Galbraith, Arthur	Attendant	1	4		17 09	11 29
Gallatin, Ada	do.	5	20		73 00	51 67
Galpen, Norman	do.	24			320 00	370 00
Garrett, Gertrude	do.	3	25			76 48
Garrett, Laura	do.	5	24			122 24
Garvey, Jno.	do.		26			21 36
Gaskill, Louis	do.	1	12			42 63
Gates, J. C.	do.		5		4 43	
Gertz, Annie	Cook	14	22		143 61	636 00
Gertz, August	Laborer	20	26		253 97	441 00
Gholson, Frank	Attendant	2	7			54 84
Gibbons, Patrick	Steamfitter			4,366	1,569 46	1,605 00
Giblin, H. J.	Attendant	3	14			85 49
Gilbert, Ethel	do.	1	24			35 38
Gilbert, R. R.	do.		13			10 48
Gillooly, P. J.	do.	4	22			120 10
Gilholey, Steven	do.	5	23		7 09	135 75
Ginger, Allen	do.	6	2			156 20
Ginnaven, C. H.	do.	1				25 00
Giroux, Jos.	do.		9			7 28
Glass, Fred	do.		13		10 48	
Glass, Minnie	do.		13		8 39	
Gleason, Daniel P.	Chief engineer	4	10		653 57	
Gleason, O. S.	Attendant	4	24		120 79	
Glende, Wm.	Plasterer			584		428 80
Glover, Mae	Attendant	2	14			48 23
Glynn, Bert	Laborer	22	7		304 19	352 26
Goddard, Hattie	Attendant	1	13			28 09
Goebel, Signe	Stenographer	2	12		143 23	
Goedde, Jno.	Attendant	2	27			72 02
Good, Fred	do.		5		4 03	
Goodwin, Frank	do.		4		3 23	
Gordon, Elenore	do.	14				9 33
Gordon, Nellie	do.	6	5		155 00	
Gorman, Sidney	do.		25			20 99
Graf, Chas.	do.		6		5 55	
Graham, Harry	do.		24		19 86	
Graham, Robt.	Painter			272		186 20
Grant, Helen	Attendant	1	12			27 40
Graves, Eva	do.	2	5			43 23
Grear, Fleeta	do.	11	8		233 58	
Grear, John	do.	10	4		293 86	

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Green, Floye E.	Attendant.	3	19			\$ 66 04
Greig, Margaret.	do.		3			2 00
Gribbon, A. T.	do.	5	11		\$133 87	
Gribbon, Dorothy.	Domestic.	5	19		106 45	
Griffith, Jno.	Attendant.	1	13 ¹			35 99
Grimes, W. E.	do.	1	20			41 21
Griswold, Erie H.	do.	23	23		456 00	478 29
Groner, Inez.	do.		20			13 33
Gross, James.	do.	1	4			28 23
Gruenzig, Max.	Butcher.		21		46 45	
Guinan, Mayme.	Attendant.	4	17 ¹		153 19	
Gunn, Ora.	do.	7	12 ¹			146 12
Habel, Jno.	do.	5	7		126 00	5 70
Hachtel, Laura.	do.	1				19 78
Hachtel, Chas.	do.		29			23 89
Haithman, Jas. M.	Cook.	3			150 00	
Hale, J. W.	Attendant.	4	10			197 28
Hale, Thos.	do.	4	16 ¹			116 25
Haley, J. L.	do.	1	6			29 46
Hall, Iva.	do.	7				167 85
Hall, Lydia.	do.		13			8 39
Hall, Orace.	do.	2	8			58 16
Holligan, Mae M.	do.	14	20		240 13	70 40
Halversen, Henry.	Fireman.	9	2		354 19	527 80
Hamilton, Chloe.	Attendant.	3	5			3 33
Hamilton, Elsie.	do.	3	3			62 00
Hampe, Arthur.	do.	1	8			30 86
Hancher, Marie.	do.	4	19		93 37	
Hansen, Fred.	Florist.	24			744 00	755 94
Hansen, Gus.	Attendant.	6	15 ¹			162 34
Hansen, W. C.	do.	1				24 84
Harms, Adolph.	do.	1	26			45 97
Harris, Freda.	do.	15	17 ¹		75 70	214 17
Harris, Gertrude.	do.	1	28			28 26
Harris, Hazel.	do.	1	5		23 12	
Harris, Perry B.	do.	4			99 82	
Harris, R. G.	do.	1	28			47 82
Harrison, Alma.	do.	5	9			106 10
Harrison, C. W.	do.	5	23			149 17
Harrison, Felecia.	do.	11	22 ¹		15 00	227 50
Hart, Ada.	do.		5			3 33
Hart, Edward.	do.	1				36 00
Hart, Mary.	do.	1				30 00
Hartsell, Daisy.	do.	10	28 ¹		49 68	168 36
Hartsell, J. H.	do.	10	29		62 10	224 60
Harvick, Elvin.	do.		6			5 00
Harvick, H. E.	do.	1	14		36 67	
Hauser, L. M.	do.		6			1 84
Hawkins, Catherine.	do.		11			7 33
Hayes, Frances.	do.	1	25			36 13
Hayes, Wm.	do.	1	25			45 16
Haynes, Enoch.	do.	3	19			90 83
Haynes, Lea.	do.	2	26			36 77
Haynes, R. T.	do.	24			320 00	384 00
Haynes, Russel.	do.		2		1 61	
Healy, Sara.	do.	7	20 ¹		220 58	
Hebik, J. T.	do.	2	11			60 70
Hezarty, Jno.	do.	2	22		69 17	
Heldt, Clara.	Attendant and stenographer.	15	144		69 66	680 00
Helton, Leona.	Attendant.	8	22			183 55
Helweg, W.	do.		13		10 48	
Henard, Earl.	do.	1	23			43 55
Henderson, Myra.	do.	23	9		458 06	472 26
Hendricks, Arthur.	do.		24			20 00
Henkel, Alvyna.	Domestic.	3	6			63 38
Hennessey, Jno.	Attendant.		9			7 50
Hennessey, Margaret.	do.	1	6			23 42
Henry, Alta.	do.	12	11		7 33	250 00
Hernon, Nellie T.	do.	23	13		351 08	352 10
Heuzels, Chas.	do.	1	20		9 17	32 30
Heuzels, Wm.	do.		9			7 50
Hickey, Harriet.	do.	3				36 47
Hickson, Margaret.	Domestic.	24			335 03	432 00
Hickson, S. R.	Attendant.	23	25		445 86	522 00
Higgins, Marcella.	do.	23	28 ¹		381 47	383 48
Hildreth, Mary.	Domestic.	21	25		247 50	228 88

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Hileman, Ellis	Attendant.	16	31		\$ 142 50	\$ 358 00
Hill, Herbert	do.	1	11			33 49
Hill, Kathleen	do.	1	29		39 33	
Hilliard, Wm.	do.	1	19½		40 54	
Hobbs, Andrew	do.	1	21			41 94
Hobbs, Elmer	do.	5	16			138 33
Hock, Elmer	do.	5	12			135 00
Hockley, Sidney	do.	1	3½		27 90	
Hoeft, John	Laborer	22	1		309 03	360 00
Hoegner, John	Steamfitter's helper			2, 763	293 90	1, 092 00
Hogancamp, W. J.	Attendant.	2	7			54 84
Holmes, Tom	Stationary engineer	12	28	408	523 76	1, 187 16
Hood, Carra	Attendant.	4	8			88 03
Hood, Harley	do.	5	16			141 94
Hood, Lillian	do.	1				20 69
Hood, Maurice	do.	1				25 87
Horaney, Ethel	Domestic	12	20		13 33	250 00
Horaney, Geo.	Attendant.	17	26½		162 09	376 84
Horgan, Hannah	do.	23	16		351 74	360 00
Horgan, Margaret	do.	1	4		44 20	
Hornbeck, Hilda	do.	2	28			58 06
Horne, Margarte	do.		2			1 29
Horstman, Edward	Furniture repairer	9	1		363 51	
Houston, Mary	Attendant.		4½			2 90
Howell, Jos.	do.	1	26			45 97
Hudgins, Arney	do.	3	22			93 33
Huettnr, M. B.	do.		13½		13 06	
Huff, Lillie Mae	Domestic	12	6		7 33	246 55
Humphrey, Heber	Attendant.	3	4			77 44
Hunewinkell, J.	do.	2	18			64 52
Hurdle, Mary L.	do.	4	13			88 39
Huston, E. F.	Electrician	3			468 00	
Hutchison, Ella	Attendant.		1½		97	
Hyde, D. W.	Stationary engineer	3	15			428 00
Hynes, Della	Attendant.	10	19		318 39	
Hynes, M. J.	do.		21		25 06	
Illian, Lena	do.	8	23			184 19
Jacobs, Geo.	do.	2	8			56 37
Jacobs, Myrtle	do.	1	19			32 27
Jahnesn, Arthur	do.		11½		9 27	
Jahnke, Fred	do.	7	16½			188 52
Janette, A. R.	do.	4	20			118 87
Janowiak, Anton	do.	3	3½			78 52
Janowiak, Lillian	do.	1	10			27 20
Jansen, Elmer	Plumber	23	25		1, 866 97	1, 846 00
Jarevitz, Valentyne	Attendant.	3	25			76 41
Jerejian, Nazareth	do.	2	20½		65 64	
Jetty, Rose	do.	2	19			52 67
Jillson, Amelia	Domestic	23	30		360 00	359 03
Johnson, A. R.	Attendant.	6	5			153 98
Johnson, Bodil Marie	Domestic	23	4		353 23	337 74
Johnson, Elmer	Attendant.	23	23		480 00	470 67
Johnson, Ermine	do.		2		1 61	
Johnson, Fannie	do.	11	20½		224 97	19 59
Johnson, G. E.	do.		20		16 51	
Johnson, Gladys	do.	5	8			110 08
Johnson, Harry	do.	1	9			31 45
Johnson, John	do.	4	13			107 14
Johnson, John	Bricklayer			753	529 53	
Johnson, Mathias	Assistant laundryman	3	19½		127 69	
Johnson, Sief.	Attendant.	12	27		320 00	26 13
Johnson, Vincent	Tinner's helper			668	291 50	
Jones, Amanda	Domestic	13	7½		114 20	152 11
Jones, Chas.	Attendant.	1	9			32 28
Jones, Dan	Laborer	15	11		158 33	225 81
Jordan, C. D.	Attendant.	2	18		66 04	
Joy, Denis	Policeman	5	15			412 50
Juhl, Bert	Attendant.	1	26			45 97
Justice, Pearle	Graduate nurse	1			40 00	
Kaczowski, J. C.	Interne	2	22			135 48
Kaack, Herman	Attendant.	1	18			41 07
Kannaby, Paul	Attendant policeman	15			193 00	900 00
Karnopp, Mary	Attendant.		9			6 00
Karraker, Louise	Nurse	23	30		478 71	480 00
Kay, Wm.	Laborer		15		12 10	
Kearney, Mary A.	Attendant.	24			432 00	495 00
Keber, Emma	do.	23	25		408 00	418 26
Keenan, Jno	do.	1	27½		47 18	

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Keith, Elizabeth.....	Stenographer.....		3			\$ 5 00
Keller, Bessie.....	Attendant.....		10½		\$ 6 77	
Keller, Ray.....	..do.....	1	18		39 48	
Kelly, James.....	..do.....		5			4 03
Kelly, Jas. L.....	..do.....	1	30			49 20
Kelly, John.....	Oilier.....	24			1,050 00	1,044 00
Kelly, John E.....	Electrician.....	19	4		1,404 00	1,578 33
Kennedy, Leo. F.....	Attendant.....	24			456 00	456 00
Kennedy, P. J.....	Fireman.....	7	25		702 58	
Kennedy, Robt.....	Attendant.....	1	16			38 09
Kerr, Arthur.....	..do.....	3	20			91 59
Kerr, Ella.....	..do.....		16			10 62
Kerr, G. W.....	..do.....		14			11 61
Kerr, Rolla.....	..do.....	2	2			51 61
Kershaw, Mabel.....	Stenographer.....	3	28			196 67
Kershaw, R. B.....	Interne.....	4	15			224 19
Keston, Lydia.....	Attendant.....	12	6½		4 33	250 00
Kieffer, Wm.....	Painter.....			324		221 90
Kilgore, Irene.....	Attendant.....	1	5			23 23
Kimbul, Lena.....	..do.....	1	12			27 52
Kinder, Geo.....	..do.....	3	7			79 03
Kinder, Sarah.....	..do.....	2	22			53 54
King, J. B.....	..do.....	24			320 00	377 03
King, J. T.....	Policeman.....	24			900 00	900 00
King, Richard.....	Fireman.....	23	29		933 40	936 00
Kiphart, Ethel.....	Attendant.....	2	25			56 13
Kirsch, Julia.....	Domestic.....	9	7		\$1 12	125 31
Kirsch, Oscar.....	Laborer.....	17	13½		193 39	311 93
Kirts, Lafa.....	Attendant.....	3	5			79 17
Kirts, Ruby.....	..do.....	3	6			64 00
Klinger, Annie.....	Domestic.....	3	16			102 47
Knapp, Abraham.....	Attendant.....	1				24 62
Knuth, Henry.....	Carpenter.....	24	11			7 15
Koblish, Anna.....	Attendant.....				250 00	280 00
Koch, Freda Blomberg.....	Nurse.....	22	7		381 94	337 80
Koch, Leo. F.....	Attendant.....	21	23½		466 11	382 49
Kochanski, Frank.....	Assistant engineer.....	5	20		677 42	
Koger, Orpha.....	Chief nurse.....	24			900 00	920 00
Koger, V. W.....	Attendant.....		1			\$1
Kollar, J. A.....	..do.....	3			75 00	
Konicki, Adam.....	Painter.....			236		161 50
Kontowt, Mitchell.....	Attendant.....		13			35 48
Korn, Tennis.....	..do.....	4	1			98 99
Kraemer, Albert.....	Attendant and laborer.....	8	6			231 33
Krejci, Benj.....	Attendant.....	6	6			159 82
Krier, P. F.....	..do.....	1	26½		46 37	
Kroupa, Frank.....	..do.....		16½			13 49
Kruse, Georgetown.....	..do.....	16	25½		226 33	144 77
Krutkewicz, Justin.....	..do.....		14		11 31	
Kuehn, F. L.....	..do.....	9	10		75 06	158 33
Kulawski, Wm.....	..do.....	17	7½		147 92	357 10
Kutzner, P. E.....	Cook.....		20½			33 61
Labuhn, Fred.....	Plasterer.....			160		117 90
Lade, Geo.....	Attendant.....	12	8½		23 33	283 75
Lamb, Andry.....	..do.....	3	3		61 94	
Lambdin, Lilly.....	..do.....	5	16			114 85
Lambert, Carl.....	..do.....	1	21		41 84	
Landfair, Edw.....	..do.....	2	9			56 88
Lane, Michael F.....	..do.....	8			200 00	
Lane, Nellie.....	Stenographer.....	10	10			620 00
Langheck, Eric.....	Attendant.....	3			80 51	
Lansing, Alpha.....	Domestic.....	3	12½		68 06	
Lansing, Anna.....	..do.....	2	22½		54 51	
Larson, Anton.....	Attendant.....	1	16			38 09
Larson, Martha.....	..do.....	1	11			27 83
Lawson, Anna Marie.....	..do.....	2	30		53 55	5 81
Leary, Bernard J.....	..do.....	1	22½		44 15	
Leather, Jno.....	..do.....	1	23		43 81	
Ledbetter, Robertis.....	..do.....	12	30		8 00	19 35
Lehmbecker, Elizabeth.....	..do.....	14	9		45 81	255 00
Lehmbecker, Wilhelm.....	..do.....	14	9		57 26	310 00
Leifinger, Emil.....	Laborer.....		8		11 59	
Lemchen, Barnet.....	Physician.....	23			1,325 00	1,545 00
Lenau, Pearl.....	Attendant.....	23	21		384 00	374 40
Leonard, Bessie.....	..do.....	3			60 00	
Leonard, Edwin.....	..do.....	3	½		74 60	
LeRoy, Chas.....	..do.....	2	6			54 19
Letterer, Phil.....	Laborer.....	22	13		281 70	324 00

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Lewis, George.	Attendant.		22		\$ 17 74	
Lewis, Ida.	do.	1	9			\$ 25 70
Lewis, Thos.	do.	1	13			35 48
Lieser, Cressie.	do.		27			17 42
Lieser, H. H.	do.	2	19			65 32
Like, Otis.	Assistant physician.	8	25			890 65
Lindauer, Elsa.	Attendant.	1	26			36 77
Lindblade, H. E.	Druggist.	21	4		912 90	642 67
Link, Hershel.	Attendant.	3	25 $\frac{1}{2}$		89 59	6 45
Lisor, Graham.	Assistant physician.	24			1, 200 00	1, 245 00
Lloyd, Ernest B.	Chief engineer.	19	26		792 86	1, 300 00
Lloyd, Ruth.	Domestic.	2	24		57 18	
Lockard, Louie A.	Laborer.	2	22		67 74	
Lockie, Catherine.	Attendant.	24			540 00	540 00
Loesch, K. F.	do.	2	8 $\frac{1}{2}$		58 44	
Lorber, Chas.	do.		5			4 03
Ludwig, Emil.	do.	3	20			124 67
Lund, May.	do.	1	16			43 97
Lynch, J. A.	do.	1	12			34 27
Lyons, Father J. M.	Priest.	9				360 00
McAndrews, John.	Laborer.	6	16			260 65
McBride, Alfred.	Attendant.		14 $\frac{1}{2}$		12 09	
McBride, Thos.	Cook.	21	16 $\frac{1}{2}$		840 00	667 26
McBride, Mildred.	Attendant.	2	24			55 48
McBrien, Robt. C.	do.	7	13		140 36	69 35
McBrien, Sam.	do.	6	1		181 00	
McCabe, Patrick.	do.	4	9 $\frac{1}{2}$			107 11
McCarthy, H. S.	Assistant physician.	9	26			1, 043 06
McCarthy, J. S.	Attendant.		24 $\frac{1}{2}$			19 97
McCarthy, R. R.	Assistant physician.	9	26			1, 078 06
McCartin, Patrick.	Attendant.	10	10		309 68	
McCarty, C. C.	do.	1	14 $\frac{1}{2}$		36 88	
McCarty, N.	do.		11		7 10	
McClure, Albert.	do.	4			99 19	
McClure, Ennis.	do.		25		20 16	
McClure, Maude.	do.	8	28			188 06
McClure, Olive.	do.	1	27		37 72	
McCoy, Ella.	do.	22			382 66	331 26
McCoy, P. J.	do.	4	13			110 48
McCullough, Robt.	do.	1	10			33 33
McDermott, Jno.	Bricklayer.			3, 194	900 40	1, 422 20
McDermott, Mary.	Domestic.	23	11		360 00	340 65
McDermott, Sarah.	Attendant.	23	24		413 00	420 00
McDonald, Ida.	Domestic.	5	18 $\frac{1}{2}$		128 50	
McDonough, Mary.	Attendant.	4	7 $\frac{1}{2}$			84 83
McEachron, Sarah.	do.		26			17 16
McEvoy, John.	Policeman.	8	19		647 50	
McFarland, Hope.	Attendant.		23			19 17
McGhee, Flora.	do.		10		6 45	
McGhee, Wm. D.	do.	1	1 $\frac{1}{2}$		25 74	
McGlone, Frederick L.	do.		5			4 03
McGourty, Michael.	do.	24			444 00	444 00
McGovern, Mamie.	do.	4	8		128 57	
McGowan, Annie.	do.	10	15		215 72	
McInerney, Mary.	do.	10	29		383 83	
McIntire, Aimee.	Stenographer.	11	21		757 82	
McIntire, Burris.	Attendant.		6			5 00
McKee, Vincent.	do.	1	18		40 00	
McLain, Nellie.	do.	22	21		382 82	407 51
McLean, C. A.	do.	2	15		62 33	
McLinden, Felix.	Electrician.			577 $\frac{1}{2}$	199 80	224 62
McMahon, Madaline.	Attendant.		3			2 90
McMahon, Michael P.	Laborer.	6	2		212 33	
McManus, Margaret.	Attendant.	2	6			43 83
McNamara, W. E.	do.	3	9			83 92
McNaughton, Bridget.	Domestic.	23	26		818 11	360 00
McNichols, A. H.	Mattress maker.	13		2, 164	1, 319 72	1, 440 00
McNichols, Hannah.	Attendant.	24			396 00	396 00
McNichols, Mary.	do.	24			480 00	480 00
McSparin, J. M.	do.	2	29		73 39	
Maager, Chas.	Carpenter.			4, 237	1, 280 35	1, 408 30
Macquisten, Arthur.	Attendant.	1	1			25 83
Macquisten, Eva.	do.	1	1			20 67
Magnire, F. J.	do.	24			360 00	360 00
Maher, Margarette.	do.	5	10			104 51
Maher, Sarah.	do.	23	23		480 00	469 51
Mahoney, Jno.	do.	7	22		276 96	
Major, Hazel.	do.		3			2 00

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Malzahn, H. C.	Attendant.	5	9			\$ 136 47
Mann, Hattie.	do.		8			5 33
Manougian, K. M.	Physician.	16	8		\$1,800 00	642 85
Marquess, Fred.	Attendant.	1	14			36 29
Marquess, Herbert.	do.	3	10			83 33
Marsh, R. D.	Acting chief clerk.	10	17		1,054 84	
Martin, Adelaide.	Attendant.		22			14 67
Martin, Glenn.	do.	9	23			252 74
Martin, J. B.	Storekeeper.	3	3		223 71	
Martin, Margaret.	Domestic.	23	21 $\frac{1}{2}$		261 00	299 55
Martin, Sarah.	Attendant.		40		6 67	19 35
Marzs, Frank.	do.	8	1 $\frac{1}{2}$			210 15
Maston, M. S.	Stationary engineer.	16	8	24	519 96	1,385 80
Mathis, Ora.	Attendant.	22	19		242 26	253 73
Maurice, Edward.	do.	2	18			64 52
Mayer, Chas.	Cook.	7	4		125 00	215 00
Mayor, Peter.	Tinner.			680	415 70	
Mead, Thos.	Attendant.	2	5			54 16
Meade, Eva.	do.	2	25			56 13
Means, Henry.	do.	7	2			186 79
Medsker, Donald.	do.	4	3			101 85
Mehner, Daisy.	do.	5			100 00	
Meredith, Helen Melin.	Bookkeeper.	24			1,305 00	1,305 00
Mercer, C. W.	Attendant.	14	30		478 71	120 00
Merkle, Anna.	do.		20			13 33
Merkl, Fred.	Cook.		20			33 33
Merriman, Clifton.	Attendant.		13			10 56
Merritt, Morris F.	do.	8	25 $\frac{1}{2}$		241 42	
Mesmer, Herman.	do.	5				4 03
Meyer, Catherine A.	do.	18	9		379 68	259 68
Meyers, J. G.	do.	5	5		129 03	
Meyers, Kate.	Assistant housekeeper.	24			360 00	360 00
Meyers, Norma E.	Attendant.	4	29		148 17	
Michael, Chas.	do.	2	8			56 45
Middlecote, Leonard.	do.	1	4 $\frac{1}{2}$		28 75	
Middlesworth, Nellie.	do.	8	28 $\frac{1}{2}$		2 67	178 00
Middlesworth, Salena.	do.	3	29		2 67	76 13
Miles, Harry.	Plumber.			280		205 70
Miller, A. G.	Attendant.		7		5 65	
Miller, Franklin B.	do.	4	7		105 54	
Miller, Nan.	do.		7		4 52	
Miller, V. G.	do.		26			21 56
Milliken, Annie B.	do.	24			384 00	384 00
Mills, O. A.	do.		28		22 58	
Miner, Charlotte.	Domestic.	9	5		96 47	86 45
Mirosovsky, Geo.	Attendant.	6	4			157 42
Mitchell, Ethel.	do.	3	5		51 61	10 97
Mitchell, Hannah.	do.	21			480 00	360 00
Mitchell, Lula.	do.	3	20			73 33
Mitchell, Nellie.	do.		13		8 39	
Mitchell, Robert.	do.	3	6		64 51	13 71
Mohundro, Briggem.	do.	5	1		40 32	90 68
Mohundro, Chas.	do.	8	4		184 06	57 60
Mohundro, Genevie.	Attendant, domestic.	5	1		32 26	67 74
Mohundro, Raymond.	Attendant.	2	28		73 87	
Monty, Donald.	do.	11	8 $\frac{1}{2}$		32 66	268 90
Monty, Ruby.	do.	11	20 $\frac{1}{2}$		31 29	207 18
Morris, Jno. A.	do.	1	8 $\frac{1}{2}$		31 41	
Morton, Jean.	do.	1	29			39 33
Moseley, Mary M.	do.	4	2 $\frac{1}{2}$		122 68	
Mostyn, John.	do.	23	29 $\frac{1}{2}$		372 00	382 93
Moyers, Bertha.	do.	2	24			56 00
Moyers, Carl.	Laborer.	17	23		174 84	367 66
Moynahan, Jno.	Attendant.	1	6			29 60
Mueller, Henry J.	Laborer.	18	30 $\frac{1}{2}$		325 47	224 00
Mueller, Herman.	Attendant.	1	12 $\frac{1}{2}$			34 27
Mueller, Jacob.	do.	2	28			73 93
Mueller, Jno.	Supervising nurse.	16			140 00	440 00
Mueller, Louis.	Laborer.	20	19		240 29	384 00
Mulhern, C. F.	Electrician.	2		2,074	135 00	1,699 07
Mullane, John.	Attendant.		15			12 09
Mullaney, Sadie.	do.	24			390 00	390 00
Mullinax, Leta.	do.	2	5			42 94
Mullinax, Wm.	do.	2	4			52 85
Mummery, Lillian.	do.	2	15			49 68
Murphy, Jeremiah.	Fireman.	24			1,086 00	1,080 00
Murphy, Mattie.	Domestic.		26 $\frac{1}{2}$		21 37	
Murphy, Patrick J.	Plumber.	23	26		1,866 97	1,846 84

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Murtaugh, Jno.	Attendant	3	21			\$ 92 50
Musselman, Edna.	do.	5	27		\$ 77 66	40 32
Musselman, Hartzel.	do.	5	23 $\frac{1}{2}$		97 09	47 50
Nagel, Rose.	do.		8			5 16
Nelson, Dorris.	do.	7	12			126 45
Neville, Lillie.	do.	15	28		460 65	177 14
Nicoletti, Genaro.	Tailor	24			720 00	720 00
Niles, Evelyn.	Attendant		19			12 54
Nordorf, Louis.	Policeman	9	28		742 74	
Nordquist, Elsie.	Domestic.	3	29		70 73	250 00
Nowakowski, Jos.	Laborer.	5	21 $\frac{1}{2}$		154 08	
Noyes, Carol B.	Attendant	6	4		223 11	
O'Brien, James.	Painter.			1,260		856 10
O'Brien, Nellie.	Domestic.	24			381 00	408 00
O'Connell, Wm.	Attendant	5	5		128 23	
Odaniell, Louis.	do.	2	17 $\frac{1}{2}$		64 59	
O'Day, J. F.	Laborer.	1	15			37 10
Odle, Jas. F.	Attendant	5	15		137 50	
Donohue, A. J.	do.		21			17 34
O'Gara, Roy M.	do.	4	14			114 39
Oglesby, Ernest.	do.		15			12 20
O'Gorman, Minnie.	do.	23	29		249 33	280 00
Ohlsen, Frank.	Laborer.	16	12 $\frac{1}{2}$		655 70	340 50
O'Keefe, Jno.	Attendant	23	26 $\frac{1}{2}$		503 32	497 22
Oken, August.	do.	2	13		60 49	
Olivier, Hazel.	do.	1	15 $\frac{1}{2}$			29 92
Olson, Edwards.	do.	1	20			55 90
Olson, Ingeborg.	Fancy work teacher.	22	27		524 03	330 97
O'Neil, T. J.	Plumber.			1,911	111 90	1,281 75
Oper, Alfred.	Attendant		24			19 46
O'Regan, James.	Laborer.	24			408 00	408 00
Orman, Jackson.	Attendant		6 $\frac{1}{2}$		5 24	
Orrell, Ella.	do.		1			65
Ott, Frank.	Machinist.			1,507		1,013 37
Otto, Emma.	Attendant	4	7		78 67	5 81
Page, Josephine.	do.	2	23		3 33	51 61
Page, Ross L.	do.	1	24 $\frac{1}{2}$		23 75	20 97
Palm, C. J.	Assistant engineer.	10	11		1,098 51	116 00
Palmer, Frank.	Attendant		15		12 50	
Palmer, Henry.	do.	1	17			38 71
Pangerl, Chas.	do.		5		4 17	
Paret, T. D.	do.	2	4			52 82
Parker, Frank.	Cook.	1	26		96 43	
Parks, Jno.	Attendant	7	15		187 10	
Parks, Mary.	do.	1	29			44 32
Farrish, Anna.	do.		15		9 68	
Parsons, Howard L.	Laborer.		7		5 65	
Parthun, Frank.	Attendant	3	23 $\frac{1}{2}$			94 98
Pauly, Henry.	do.		10			11 01
Pearson, Pat.	do.	3	6			29 03
Pearson, C. D.	do.	8			296 00	
Pearson, Sarah.	do.	8			280 00	
Peeler, Otto.	do.	6	3		120 16	31 05
Peery, Nettie.	do.	20	8		250 00	186 00
Penny, James.	Steamfitter.	5		1,752	329 44	1,735 04
Pepelan, Armen.	Attendant	1	23 $\frac{1}{2}$		44 59	
Perron, Mitchell.	do.	3	29			97 58
Peters, Cleo.	do.	2			40 00	
Peters, John.	Assistant physician.	3	23		374 19	
Peters, W. A.	Attendant	2			50 00	
Peterson, Beulah.	Stenographer.	20	25		561 00	828 00
Peterson, F. E.	Pharmacist.	2	29			209 00
Peterson, Joe.	Attendant	23	12		314 35	354 00
Peterson, John.	do.	1	10 $\frac{1}{2}$			33 14
Peterson, Marie.	do.	21	20 $\frac{1}{2}$		219 73	257 84
Petrosch, Steven.	Baker.	1	6			95 11
Petterson, Thos.	Stationary engineer.		9			34 84
Phillips, Avah.	Supervising nurse.	23			600 00	570 22
Pickeral, Claude.	Attendant				99 59	
Pickett, Lola.	do.	11	22 $\frac{1}{2}$		27 42	212 66
Pierce, Otto.	do.	1	10			33 06
Pinkerton, Florence.	do.		26		16 99	
Pinkerton, Harry.	do.		26		21 23	
Plaster, Ethel.	do.	1	5		23 06	
Plaster, Paul.	do.	1	11		33 76	
Pleasant, Wm.	do.		11		9 17	24 19
Plover, Joseph.	do.		15		12 34	
Poole, Kate.	do.	2	3		42 14	

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Poole, Lucy.....	Domestic.....	1	13	.....	\$ 28 32	.....
Porter, W. J.....	Attendant.....	1	8	.....	.....	\$ 31 29
Porton, Helen.....	do.....	14	10	.....	250 00	52 26
Powell, F.....	do.....	.....	13	.....	10 48	.....
Powell, Ira.....	do.....	10	18 ¹	.....	245 34	60 80
Powell, James.....	do.....	1	15 ¹	.....	.....	38 37
Powers, Jno. S.....	do.....	3	30 ¹	.....	139 43	.....
Powers, Nellie B.....	do.....	11	.....	.....	396 00	.....
Presley, Wm.....	Cook.....	.....	27	.....	43 55	.....
Preuss, Albert.....	Attendant.....	.....	9	.....	7 43	.....
Priebe, Evelyn.....	do.....	.....	26	.....	.....	17 16
Prink, Elmer.....	do.....	1	9 ¹	.....	18 33	14 11
Pritchard, Anna.....	do.....	.....	18	.....	.....	11 62
Proulx, Edward.....	do.....	1	20	.....	46 69	.....
Pruett, James M.....	do.....	11	14 ¹	.....	285 35	.....
Quinn, Peter.....	Carpenter.....	.....	.....	716	.....	454 40
Quirk, Lawrence F.....	Reimbursing investigator.....	10	.....	.....	.....	1,000 00
Rahn, Fred.....	Carpenter.....	.....	.....	708	.....	449 30
Ralph, A. S.....	Attendant.....	14	9 ¹	.....	80 42	286 87
Ralph, Janie Marmour.....	do.....	13	20	.....	54 84	226 89
Rasmussen, Wm.....	do.....	4	12 ¹	.....	.....	109 77
Ray, Caroline.....	do.....	15	19	.....	248 67	82 02
Ray, Numa.....	do.....	16	4	.....	384 00	132 57
Rayner, Lulu.....	do.....	.....	20	.....	.....	13 33
Rea, Robert H.....	Physician and acting supt.....	23	8	.....	1,908 65	1,800 00
Read, Chas. F.....	Assistant superintendent.....	6	17	.....	1,244 19	1,244 19
Reckrodt, Jno.....	Carpenter.....	17	7	.....	1,491 10	1,577 76
Reese, Daisy.....	Attendant.....	3	.....	.....	.....	59 25
Reese, Everett.....	do.....	2	18	.....	.....	64 52
Regan, Elizabeth.....	Dressmaker.....	24	.....	.....	600 00	600 00
Reid, Wm. L.....	Attendant.....	4	27	.....	.....	151 00
Reimers, Dorothy.....	do.....	9	13	.....	.....	197 18
Rentsch, Gerhard.....	do.....	1	6 ¹	.....	29 43	.....
Rey, Emil.....	do.....	8	.....	.....	288 00	.....
Reynolds, Frank.....	do.....	.....	14	.....	11 67	.....
Reynolds, Susie.....	Domestic.....	12	6	.....	194 20	76 94
Rhode, John J.....	Fireman.....	9	7	.....	831 00	.....
Riach, T. J.....	Assistant physician.....	13	16	.....	1,148 39	200 00
Rice, Anna.....	Attendant.....	.....	15	.....	.....	10 00
Rice, Ida.....	do.....	3	5	.....	.....	63 33
Richardson, Ford.....	do.....	.....	18 ¹	.....	.....	16 26
Richardson, Harry.....	do.....	1	26	.....	.....	45 97
Richardson, H. H.....	Policeman.....	15	23	.....	900 00	280 65
Richardson, Jean.....	Attendant.....	.....	16	.....	.....	10 39
Richmond, Claude.....	do.....	5	16	.....	.....	140 63
Richter, Ernest.....	Fireman.....	1	21	.....	148 70	.....
Riley, Phillip.....	Attendant.....	3	22	.....	.....	93 28
Rivas, Jaime.....	do.....	6	26 ¹	.....	83 55	88 33
Robbins, Mrs. Alice.....	Attendant and cook.....	6	29	.....	192 58	.....
Robbins, Richard H.....	Attendant.....	6	16	.....	163 33	.....
Robinson, Ada.....	do.....	3	4	.....	62 67	.....
Robinson, Clara.....	do.....	.....	14	.....	.....	10 00
Robinson, C. F.....	do.....	8	10	.....	58 06	149 19
Roeche, Edward.....	do.....	.....	5	.....	4 17	.....
Roeske, Walter.....	do.....	.....	4	.....	.....	3 23
Rose, Chas.....	do.....	1	15	.....	.....	37 10
Rose, Clarence.....	do.....	2	9	.....	.....	57 26
Rose, Cleonora.....	do.....	1	14	.....	.....	29 03
Rose, J. M.....	do.....	8	27 ¹	.....	221 31	.....
Rose, Maggie.....	do.....	2	9	.....	.....	45 81
Rose, Manning.....	do.....	22	15	.....	286 67	371 81
Rostol, Anna.....	Domestic.....	1	29	.....	.....	56 13
Rostol, Gerard.....	Sewer man.....	22	6	.....	652 80	768 00
Rostol, Paulina.....	Domestic.....	23	23 ¹	.....	269 17	424 90
Rouriche, Jno. C.....	Attendant.....	6	26	.....	171 67	.....
Ruf, Charles.....	Cook.....	1	11	.....	.....	67 58
Russell, Dora.....	Attendant.....	1	14	.....	.....	29 03
Russell, Lynn.....	do.....	4	.....	.....	.....	85 00
Ryan, James.....	do.....	23	.....	.....	478 71	480 00
Ryan, Mary.....	Housekeeper.....	.....	30	.....	34 84	.....
Salefsky, Hattie.....	Attendant.....	1	27	.....	40 00	.....
Sandberg, Olga.....	do.....	.....	6	.....	4 00	.....
Sandusky, Geo.....	do.....	7	9	.....	155 00	51 00
Sargent, Wm.....	do.....	1	14 ¹	.....	37 38	.....
Sass, Margaret.....	Cook.....	21	28	.....	600 00	495 70
Saylor, H. F.....	Attendant.....	.....	7	.....	5 65	.....
Scates, Oscar.....	do.....	.....	28	.....	.....	22 92
Schaeffer, Ella.....	do.....	4	8	.....	.....	85 27

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Scheidt, H. E.	Attendant.		26			\$ 20 97
Schilhouse, Rudolph M.	do.	3	11			83 06
Schippers, J. W.	Baker.	24			\$1,080 00	1,080 00
Schippers, Peter.	Assistant baker.	24			792 00	792 00
Schlechte, August.	Minister.	9				180 00
Schlecht, L.	Attendant.		3			2 42
Schlogel, Mary.	do.	9			270 00	
Schmidt, Paul.	do.	1	11			33 88
Schmidt, Richard.	Truck gardener.	20	20		900 00	650 00
Schnirmacher, Ignatz.	Cook.	11	18		524 76	55 10
Scholz, Freida.	Attendant.		30			19 36
Schreider, Sol.	Tinsmith.	24			720 00	720 00
Schroeder, H.	Attendant.		30		24 19	
Schulte, Jacob.	Stationary engineer.		73			29 03
Schumacher, F. J.	Attendant.	1	26		46 60	
Schueneman, Jno.	Carpenter.		4,368		1,414 80	1,417 40
Schwartz, Tessie.	Attendant.	1	16		10 67	19 35
Schwartz, John.	Fireman.	13	20		261 00	925 94
Schwartz, Wm.	Attendant policeman.	15	12		125 80	757 80
Schwartz, Henry.	Attendant.	24			456 00	456 00
Schwochow, Emily.	do.	5			99 18	7 26
Scobell, E. G.	do.	2	12			59 68
Scott, Annie.	do.	22	12		401 85	376 87
Seebeck, Charlotte.	do.		3			1 94
Seiwell, H. S.	Interne.	11	2		68 55	482 50
Selof, Concordia.	Attendant.	13	183		31 93	250 00
Semple, Pauline.	do.	3	3			1 94
Sermersheim, Etta.	do.		30			19 83
Saretzky, Mary.	Attendant and nurse.	21	7		456 43	392 30
Sattipane, Jos.	Attendant.		4		3 87	
Sattipane, Salvatore.	Laborer.	9	28		106 82	232 26
Shackelford, Oscar.	Attendant.		17			13 71
Shaif, Jesse.	do.		24			19 44
Shannon, Nellie.	do.	8	2		322 67	
Shaw, Laura.	do.	2	5			43 23
Shaw, Mary.	do.	3	5			63 33
Shawker, Max.	do.	1	1		25 22	
Shealy, Roger.	Policeman.	9	10			699 19
Sheehan, Chas.	Steamfitter's helper.		2,576		211 60	1,034 00
Sheely, J. L.	Attendant.		2			1 61
Shelton, Flossie.	do.		11			7 33
Sherman, Margaret.	Domestic.	22	25		332 26	331 45
Sherman, W. P.	Attendant.	24			468 00	468 00
Shields, Chas.	do.	3	7			80 83
Shipman, K. G.	do.	8	22		158 34	90 00
Shuffelton, Paul.	do.	1	12			42 63
Shipman, Lillie Marlin.	do.	4	23		34 84	60 00
Shurpiet, Sophie.	do.		1			67
Sidener, Orrin.	do.		9			7 50
Sigall, Israel.	Shoemaker.	3	12		169 35	
Silk, R. W.	Attendant.		123		10 32	
Simmons, Jno. L.	do.	6			149 46	
Simmons, Roma.	do.		14			11 37
Simpson, Clara.	do.	1	21			34 71
Simpson, J. L.	do.	1	21			43 10
Simpson, Lilly.	do.		6			4 00
Sims, Robt. T.	Cook.	2	29		146 77	
Singleton, Jas.	Attendant.	2	23		67 74	
Sinks, Thomas.	do.		17			13 71
Sloan, Alex C.	Chief clerk.	12	23		95 83	1,500 00
Smith, Alice M.	Interne.	1	18			79 03
Smith, B. J.	Attendant.	1	8		31 67	
Smith, Charlotte.	Domestic.	23	17		300 00	287 71
Smith, Earl.	Attendant.	2	2			51 09
Smith, E. E.	do.	4	5			103 49
Smith, Everette.	do.	4	22			117 74
Smith, Gertrude.	do.	4	15			89 53
Smith, Harriett.	do.	18	5		248 55	138 99
Smith, Helen.	do.	4	26			97 53
Smith, H. B.	Laborer.	12	17		360 00	16 45
Smith, Mrs. H. B.	Attendant.	12	27		356 03	30 00
Smith, H. J.	Assistant superintendent.	10	29		\$52 50	\$62 26
Smith, Ira W.	Cook.	3	26		192 20	
Smith, Joseph.	Attendant.	23	18		319 51	488 66
Smith, Louis.	do.		18			31 45
Smith, Mabel.	do.	4	5			83 23
Smith, Mary E.	do.	2	8			45 23
Smith, Maude.	Domestic.	1	14		30 18	

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Smith, Nellie	Attendant	1	8			\$ 25 16
Smith, Nora	do.	1	8			25 16
Smith, Phillip	do.		54		\$ 4 59	
Smith, Roscoe	do.		21			16 94
Smith, Robert	Laborer	6	18		37 77	125 81
Smithberg, Albin	Attendant		2			1 61
Snyder, Bert	Laborer	1	8		31 45	
Sobocinski, Carrie	Attendant		28			27 07
Soltero, Julio	do.	1	174		39 11	
Somers, John	Attendant and policeman	14	6		191 81	825 00
Spalding, Elmer S.	Attendant	8	14		253 03	
Spangler, Faith E.	Assistant physician	13	20		1,148 17	216 13
Spayd, Roman	Attendant	1	19		41 33	
Spiegel, Chas.	Cook		15		25 00	
Spurling, August	Butcher		29		64 55	
Stack, Patrick M.	Laborer	5	13		164 31	
Stacy, J. W.	Attendant	4	23			118 55
Stage, Alice	do.	1	26			37 35
Stage, Carrie	do.	5	9			104 84
Stanford, Geo. W.	do.	3	4			76 61
Stang, Margaret	Attendant and nurse	24			412 50	480 00
Staninger, J. R.	Attendant		304			24 64
Stanley, C. R.	do.	27			21 77	
Stanley, Elmer	do.	3	74		81 25	
Stanley, H. L.	do.		13		10 48	
Stanley, Maude	do.		13		8 39	
Stautz, Wm.	Butcher	5	4		305 74	
Steele, Bertha M.	Attendant	21	17		214 19	270 06
Stehr, Anna	Domestic	2	22		54 67	
Stephenson, Jno.	Attendant		9			7 50
Stern, Max	do.		14		12 09	
Stevens, Birdie	do.	6	16			135 32
Stevens, Raymond	do.	6	224			173 14
Stevens, Frank A.	do.	1	17		39 17	
Stewart, Callie	do.		26			17 33
Stewart, Sadie	do.	2	3			41 29
Still, Edwin	do.		9			7 50
Stock, Herman	do.	1	12			34 68
Stockdale, O. E.	do.	1	15			36 96
Stocks, Marion	do.	1	23			43 55
Stocks, Ola	do.	2	1			40 00
Stoltz, J. W.	do.	3			75 00	
Stone, A. M.	do.	6	274		276 67	
Stone, Lucile	do.	7			231 00	
Stuart, Katherine	do.	4	11			87 07
Sullivan, David	Dentist	4	24		358 06	
Sullivan, Dennis L.	Attendant	23	15		404 07	420 00
Sullivan, Francis J.	Physician	2	8		293 55	
Sullivan, M. H.	Attendant		21			2 01
Sullivan, Nellie M.	do.	10	44		103 66	111 03
Susanbeck, Anthony	do.	1	20			41 13
Sutter, C. J.	Superintendent of construe'n.	4			300 00	300 00
Sutton, Elizabeth	Attendant		29			19 08
Swaboda, Jas.	do.	2	8			56 59
Swain, Anna	do.	1	22			34 23
Swanson, Robert	do.		64		5 42	
Swendsen, Lizzie	do.	11	26			371 19
Swendsen, Mary	do.		1		65	
Taaffe, Jno.	do.	15			320 00	90 00
Tadlock, Grace	do.	9	5		5 33	136 77
Tate, Barney	do.		7			5 83
Teatz, Minnie	do.	5	22		122 64	
Tegel, Stephen	do.	21	23		263 49	360 00
Tepper, Geo.	do.		4		40	
Terrell, T. K.	do.	1	1		25 24	
Tetens, Richard	Laborer and fireman	16	234		389 73	1,041 19
Theisen, Geo.	Attendant		8			5 67
Theitz, Henry	Laborer	7	25		273 18	
Thomas, Grace	Attendant	19	2		140 88	250 00
Thomas, Kate	do.	5	24		21 29	95 71
Thomas, Katherine	do.	22	24		399 20	440 41
Thompson, Anna	do.		16			15 47
Thompson, Gail	do.		81		6 85	
Thompson, Lillian	do.		8		5 16	
Thompson, Oliver	do.	2	25			70 24
Thornton, Jno.	do.		13			10 59
Thorp, Ray	do.	3	41		71 37	6 45
Thorp, Wharton	do.	1	3		27 26	

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Thorsen, Ella.	Domestic.	1	12			\$ 42 69
Thorwell, Alice.	do.	6	16 ¹			150 00
Thrasher, H. L.	Dietitian.	14	13		\$429 33	722 58
Tichenor, Cora.	Attendant.		26		16 77	
Tinch, M. C.	do.		15		12 10	
Tinsman, Wm.	Steamfitter's helper.	1	26	96	237 39	
Tisue, Frances.	Stenographer.	23	14		744 10	720 00
Tobin, Arthur.	Attendant.	1	2			26 37
Toler, Edward.	Supervising nurse.	21			450 00	620 00
Toler, Lue G.	do.	21			450 00	620 00
Toenjes, Anna.	Attendant.		22		16 33	
Toenjes, G. K.	do.		21 ¹		19 49	
Truffner, Albert.	do.		10			8 33
Trummell, Flo.	do.	8	6		266 50	
Tucker, Chas. E.	Laborer.	17	26		161 67	360 00
Tucker, Nicholas, R.	do.	7	18		190 00	
Tucker, Jacob.	Attendant.	1	1			25 81
Turley, Maye.	do.		20			12 91
Turner, F. C.	Clerk.	6	6		120 97	235 48
Tushek, R. H.	Steward.	2	15			198 71
Tweedy, Belle.	Attendant.	21	24		290 93	234 95
Tweedy, Helen.	Attendant and tel. operator.	22	18		328 55	348 32
Tyler, Chas.	Attendant.	3	5		78 39	
Tyler, W. R.	do.		20			16 39
Urquhart, Edith.	do.		19			13 57
Vail, John.	do.	4	13			110 48
Vanbaber, Albert.	do.		18		14 51	
Vancil, John.	do.	23			297 41	383 71
Vancil, Sina.	do.	22	14		219 02	285 00
Van Keuren, Edw.	do.	5	5			129 17
Vaughn, L. E.	do.	5	21 ¹		23 75	118 39
Verhines, Fannie E.	Cook.	1	24			62 10
Von Hatten, W. S.	Attendant.		28			22 72
Wachtel, Hannah.	do.	2	28			58 06
Wachtel, Isidore.	do.	2	28			72 58
Wacker, Paul.	do.	6	9 ¹			157 66
Waddell, Sue.	do.	21	23 ¹		222 28	258 29
Waldon, Wm.	do.	1	12			34 68
Waldron, Margaret.	do.	1	26		38 00	
Walker, A. H.	do.		22			18 17
Walker, Guy.	do.	3	22		92 74	
Walker, Nana.	do.	3	20		72 90	
Walker, W. L.	do.	1	3 ¹			27 83
Wall, Wm.	Dentist.	7			300 00	225 00
Waller, Tessa.	Attendant.	3	9 ¹		66 17	
Wallot, Ray.	do.	3	8 ¹			81 07
Walsh, Anna.	Domestic.	1	28		46 40	
Walsh, Catherine.	do.	7	30		44 47	175 94
Walsh, David.	Attendant.	10	13 ¹		405 73	
Walsh, Helen.	Stenographer.	20	3 ¹		793 00	560 05
Walsh, John.	Attendant.	5	3			127 50
Walsh, Wm.	do.	24			516 00	555 00
Walsh, Wm. J.	do.	10	24		396 19	
Warrick, Etta.	do.	22	5		355 16	307 74
Warthoe, Christ.	Laborer.	4	23		120 53	
Washburne, Chas. T.	do.	2	9		68 71	
Watson, Ernest.	Attendant.	3	20			91 27
Watson, Rubie.	do.	2	26			56 79
Weaner, Anna.	do.	6	23			134 84
Weaner, Eva.	do.	15	7 ¹		144 69	191 37
Weathersbee, Margaret.	do.	24			360 00	390 00
Weinacht, Loretta.	do.	3	16		70 45	
Weirich, Wm.	do.	2	14			61 67
Welborn, Lee.	do.	3	28			77 97
Welborn, Wash.	do.	4	2			100 80
Welch, Chas.	do.	1	14		35 89	
Weldon, Anna.	do.	1	5			23 25
Weldon, Ray.	do.	1	5			29 06
Welky, E. G.	do.	1	20			41 13
Wellner, Alexander.	do.	1	21			41 94
Welsh, John.	Dietitian.	4	10		352 51	
Wetzel, A. G.	Attendant.	22	29		357 68	375 54
Wheeldon, W. P.	do.		14		11 67	
White, Alonzo.	do.	1	4			28 23
White, Chas.	do.	12	26		22 50	309 08
White, Mabelle.	do.	12	26		18 00	249 25
White, Ninette.	do.	22	29		388 95	356 12
White, Roy J.	do.		4 ¹		3 63	

Name.	Position.	Term of service.			Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
		Mos.	Days.	Hrs.		
Whitten, Ethel.	Attendant.		11½			\$ 7 55
Whiblesman, Henry.	Machinist's helper.			3,839½	\$ 324 74	702 94
Wiesen, J. M.	Steamfitter's helper.	5		3,464	1,049 00	1,152 16
Wilkins, Jessie J.	Attendant.	2	16			50 65
Wilkins, P. J.	Assistant steward.	2	23		205 65	
Willard, Geo.	Clerk.	7	11			744 17
Williams, Mae.	Attendant.		17		11 33	
Wilmarth, Verne.	do.	1	20			42 12
Wilson, Marie.	do.	1	2			21 19
Winchell, J. A.	do.	1	17			40 18
Wind, Peter.	do.	2	4		68 13	
Wing, Leonard.	do.	1	28			47 58
Winnier, P. S.	Assistant physician.	20	7		1,200 00	\$49 50
Wismar, Martha.	Attendant.	17	10½		112 74	334 00
Wittstock, Fred.	do.	1	18½			39 92
Wolf, James.	do.	16	29		174 79	352 00
Wood, S. C.	do.	1	13½		35 74	
Wood, Wm. W.	Assistant physician.	1	9		130 00	
Woodsey, Edith M.	Attendant.		3½			2 26
Worley, Lula.	do.		4			2 58
Wotherspoon, Hugh.	do.	1	8			31 46
Wright, L. G.	Interne.	3	6			160 00
Yring, Nellie.	Attendant.	6	25			136 13
Wurst, Jno. C.	Carpenter.			3,832	1,008 70	1,422 00
Zahman, Bart.	Laborer.	24			420 00	420 00
Total					\$174,027 51	\$189,530 37

STATEMENT OF EXPENDITURES.

On account of all funds, showing the names of firms and individuals, the total cost of supplies purchased, or service rendered during the two years ending Sept. 30, 1914.

Name of firm or individual.	Classification of articles purchased or services rendered.	Year ending Sept. 30, 1913.	Year ending Sept. 30, 1914.
Aaron & Bros., E. A.	Fruit and eggs.		\$ 2 50
Acme Cracker Co.	Crackers.	\$ 477 12	202 43
Acme Feature Film Co.	Films.		12 00
Acme White Lead & Color Works.	Paints.		50 00
Adams, Fred C.	Oils.		127 21
Adams & Elting Co.	Paints.		40 47
Adirondack Tissue Paper Co.	Toilet paper.		85 00
Adkins, Young & Allen.	Plumbing supplies.	94 21	
Adrian, I. N.	Traveling expenses.		49 52
Advance Packing & Supply Co.	Packing.		120 95
Allen Mfg. Co., W. D.	Heating supplies.	\$9 30	10 00
Amber Electrical Supply Co.	Electrical supplies.		493 14
American Can Co.	Tin cans.		248 75
American Contractor.	Advertising.	5 85	
American Journal of Nursing.	Subscription.		116 50
American Laundry Mach. Co.	Laundry supplies.	272 83	2 00
American Milling Co.	Food.	8 90	106 68
American Sales Book Co.	Office supplies.	80 61	
American Steam Gauge & Valve Mfg. Co.	Valves.	1 00	2 50
American Steam Pump Co.	Heating supplies.	13 40	
Amole Soap Co.	Soap.		16 00
Anchor Packing Co.	Packing.		1 00
Anna State Hospital.	Dippers.		6 84
Applegate Chemical Co.	Marking ink.	42 00	
Arbuckle Bros.	Coffee.		43 20
Armour & Co.	Food.	6,264 04	1,138 00
Armour Ammonia Works.	Ammonia.	112 50	19,163 48
Armour Soap Works.	Soap.	809 83	
Arnold Bros.	Food.	2,935 92	210 00
Art Bedstead Co.	Bedsteads.		9,088 75
Baggott Co., E.	Plumbing supplies.		112 00
Baker-Vawter Co.	Printing.	31 81	248 00
Barger, J. E.	Traveling expenses.		
Barnard Co., W. W.	Seeds.	28 90	2 00
Barrett & McCall.	Plumbing supplies.		673 20
Bartnick & Son Co.	Hay.	160 95	8,764 72

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1913.	Year end- ing Sept. 30, 1914.
Barwell, Jno. W.	Stock food.	\$ 8 50	\$ 2 50
Bausch & Lomb.	Spectacle repairs.	41 56	2 79
Beckman Co.	Bedding.	94 50	
Beer, Jno. L.	Services veterinarian.		10 70
Belding Bros. & Co.	Sewing silk.	4 38	
Bennett-Dreyer-Buss Belting Co.	Plumbing supplies.	26 61	97 82
E. C. Best & Co.	Clothing.	260 00	
Betz Co., Inc., Frank S.	Medical supplies.	39 11	145 78
Block & Kuhl.	Drugs.	250 66	195 05
Bluhm, Benj. A.	Shoe supplies.	12 10	
Bobbe & Co., J.	Paint.		2,182 00
Bodine, Edith.	Traveling expenses.		3 86
Boettger & Son, Wm.	Food.	3 00	
Booth Fisheries.	Fish.	60 00	39 00
Borham, I. H.	Traveling expenses.	32 63	
Boston Store.	Dry goods.	271 50	450 00
Boston Theatre Co.	Moving picture machine.		150 00
Bristol & Gale Co.	Painters' supplies.		76 34
Brunswick Balke Collender Co.	Pool table.		100 00
Buckbee, H. W.	Seeds and plants.	201 24	129 35
Bullard & Gormley Co.	Hardware.	103 06	51 70
Bunescu, Peter.	Harness repairs.		33 50
Burke Roofing Co., Augustus.	Repairing roof.		480 00
Burkholder, S. M.	Eggs.		24 00
Burley & Co.	Dishes.	163 10	753 64
Burlington Basket Co.	Baskets.	45 00	
Bush Hat Co.	Hats.	131 25	175 25
Butler Bros.	Clothing.	24 60	77 25
Butler Paper Co., J. W.	Office supplies.	29 99	83 66
Callahan, J. V.	Traveling expenses.		78 05
Cameron & Co., S. R.	Amusement.	3 50	
Campbell, Holton & Co.	Food.	2,628 12	1,414 36
Canadian Fish & Cold Storage Co.	do.	26 73	103 40
Capitol Engraving Co.	Engraving.	8 75	
Cappell Garrard Co.	Poultry.		264 32
Caravitis Bros.	Food supplies.	36 90	
Cardo Cereal Co.	Cereals.	8 75	45 00
Carman Laundry Co.	Laundry supplies.	459 75	1 50
Carmodity, John.	Horseshoeing.		15 00
Carpenter & Little.	Boiler insurance.		241 20
Carpenter & Co., Geo. B.	Plumbing and heating.	33 63	2,727 36
Carson Pirie Scott & Co.	Household supplies.	947 67	82 45
Central City Chemical Co.	Medical supplies.	208 30	
Central Electric Co.	Electrical supplies.	150 08	
Central Stoneware Co.	Workshop supplies.	66 45	
Central Supply Co.	Steamfitters' supplies.	138 82	745 28
Certified Ice Cream Co.	Ice cream.		28 00
Charcoal Supply Co.	Charcoal.		9 90
Charles Co., Thomas.	Embroidery supplies.	27 77	11 20
Chase & Baker Co.	Piano.	185 00	
Chernavsky, M.	Orchestra service.		739 00
Chicago Bonding & Surety Co.	Premium on bond.		6 75
Chicago Daily Journal.	Advertising.	28 20	158 71
Chicago Daily News.	do.		39 75
Chicago Directory Co.	City directory.	10 00	
Chicago Drainage Construction Co.	Sewer contract.	1,577 00	
Chicago Electric Lamp Co.	Electric lights.	340 40	28 00
Chicago Engineer Supply Co.	Engineers' supplies.	996 73	1,438 08
Chicago Fire Brick Co.	Brick.	67 20	58 50
Chicago Flag & Decorating Co.	Flags.	54 00	45 00
Chicago Medical Book Co.	Medical books.	103 87	
Chicago Oxygen Gas Co.	Medical supplies.	27 50	4 25
Chicago Herald.	Advertising.	5 44	39 05
Chicago Retort & Fire Brick Co.	Brick and tile.	222 15	124 50
Chicago Telephone Co.	Telephone service.	2,006 99	1,885 80
Childres & Lillienstein.	Live stock.	225 00	
Childs Drug Co.	Drugs.	3 54	
Childs Sheehan & Co.	Food.	1,438 40	2,892 60
City of Chicago.	Fire alarm.		10 00
Clarke, Dr. F. B.	Traveling expenses.	24 60	
Clark & Sons Co., Horace.	Thread.		46 30
Clark Thread Mfg. Co., Robt. E.	do.	166 05	
Clarke & Sons, Wm.	Needles.	4 50	50
Cleaner Mfg. Co.	Household supplies.	51 80	
Cliff, F. N.	Traveling expenses.		2 16
Clow & Sons, Jas. B.	Engineers' supplies.	1,293 70	379 60
C. M. & St. P. Ry. Co.	Freight and transportation.	403 63	176 76
Cobb, Whyte & Laemmer Co.	Hardware.	31 62	
Cochrane Co., T. H.	Food supplies.	1,012 00	1,615 60
C. O. D. Brokers.	Electric lamps.	29 00	

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1913.	Year end- ing Sept. 30, 1914.
Coe Bros.	Magazine subscription.		\$ 24 00
Colburn Birks & Co.	Medical supplies.	\$ 1,435 90	2,109 04
Colonial Hospital Supply Co.	Hospital supplies.	324 20	346 40
Conroy Boiler & Tank Works.	Repairing boilers.	218 40	
Consolidated Engineering Co.	Engineers' supplies.	77 40	5 63
Consolidated Lamp Co.	Electric lamps.	110 40	
Consumers' Butter Co.	Food.	20 50	
Consumer's Co.	Lime and cement.	271 82	288 08
Consumers Hay & Grain Co.	Stock food.		140 40
Consumer's Refining Co.	Gasoline.	48 53	
Courier Herald Co.	Advertising.		6 00
Coyne, J. L.	Traveling expenses.		36 88
Crandall Packing Co.	Valves.	213 92	152 71
Crane Company.	Steamfitter's supplies.	29 68	8 00
Crescent City Moss Ginnery.	Moss.	1,150 00	551 54
Crescent Macaroni & Cracker Co.	Food.	94 50	77 84
Crew, Levick Co.	Oil.	48 50	55 56
Crowley, C. H.	Needles.		2 50
Cudahy Packing Co.	Food.	18,151 97	21,997 35
Cudahy Preserving Co.	do.		19 80
Cyclone Fence Co.	Fence.		2,434 30
Cyphers Incubator Co.	Incubator.		43 65
Daily Bulletin.	Advertising.		22 23
Dallwig, A. C.	Horseshoeing.		23 40
Davies Supply Co.	Valves.		561 79
Dearborn Chemical Co.	Medical supplies.	333 82	
Dee Co., Wm. E.	Pipe, repairs, etc.	20 20	27 50
DeVoe & Reynolds.	Paints.	121 50	331 91
Diamond Electrical Supply Co.	Electrical supplies.		369 20
Dibelka, J. B.	Architect's commission.	420 75	2,103 65
Dick & Co., A. B.	Mimeograph supplies.	44 18	24 07
Dirksen & Sons, A.	Carpets.	31 50	214 20
Doering & Son, C.	Food containers.		115 00
Downer Boiler Works, T. F.	Boiler repairs.	119 30	
Duensing, E.	Tuning of pianos.	20 00	
Duker Co., W. T.	Clothing.	601 88	2,524 53
Duparquet, Huot & Moneuse.	Kitchen utensils.	303 00	625 18
Durand & Kasper Co.	Food.	7,877 42	7,037 12
Eames, John C.	Dry goods.	962 01	2,986 03
East St. Louis Daily Journal.	Advertising.	1 65	6 45
East St. Louis Gazette.	do.		4 64
East St. Louis Pub. Co.	do.		3 75
Eckhart Milling Co., B. A.	Food supplies.		3,800 00
Edwards & Hancock.	Office supplies.	21 27	58 97
Eells, F. B.	do.	12 10	9 93
Elgin National Soap Co.	Soap.	175 95	118 25
Elgin State Hospital.	Roofing tile.		41 65
Ellis, C. C.	Traveling expenses.		27 03
Ender Coal Co.	Coal.	42,473 84	37,431 28
Engineering News.	Advertising.		5 40
Engineering Record.	do.		11 00
Engstrom, C. V.	Workshop supplies.	61 20	284 63
Equitable Surety Co.	Premium on bond.	10 00	10 00
Esler, Joe.	Magazine subscriptions.		27 00
Evening Sun.	Advertising.		20 37
Fairbank Co., N. K.	Soap.		560 84
Fairchild & Bro., M. H.	do.	89 42	150 32
Farbwerke-Hoechst Co.	Medicine.		13 20
Farwell Co., Jno. V.	Dry goods.	8,040 28	2,216 22
Federal Huber Co.	Repair and improvement.	10 70	
Ferrell & Co., W. H.	Food.		910 00
Fischer Bros. Dry Goods Co.	Dry goods.	71 68	752 54
Fitzpatrick Bros.	Laundry supplies.		27 85
Fitzpatrick, John.	Laundry soap.	72 00	
Foley & Williams.	Sewing machine supplies.	1 20	29 96
Folger, Stephen Lane.	Graduation pins.		90 00
Follansbee Bros. Co.	Tin.		150 37
Foster Engineering Co.	Engineer supplies.		49 75
Frame Dental Supply Co., C. L.	Dental supplies.		23 51
Franks & Sons, J. W.	Office supplies.	100 00	
Franzen, F. O.	Seeds.	10 00	
Freemmel, I. F.	Traveling expenses.	10 20	
Friedman Mfg. Co.	Butterine.	2,917 50	
Fuller & Fuller.	Medical supplies.	232 08	
Gahan, D. F.	Traveling expenses.		9 25
Gainer & Koehler.	Furniture.	93 00	
Garden City Sand Co.	Sand.	55 80	
Garibaldi & Cuneo.	Fruit.	391 60	178 50
Garlock Packing Co.	Packing.		57 62

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1913.	Year end- ing Sept. 30, 1914.
General Manifold & Print. Co.	Printing	\$ 12 60	
Gertz, August.	Traveling expenses.		\$ 15 20
Gertz, Mrs. August.	do.	7 50	
Gibbs, F. A.	Veterinary services.	5 00	
Globe Soap Co.	Soap.		155 76
Gloucester Salt Fish Co.	Food supplies.	51 00	
Goldenberg Bros.	Food.		12 95
Gould & Co., L.	Baskets.		9 50
Grayland Auto Station.	Auto repairs.		3 19
Greek-American Sponge Co.	Sponge.		7 40
Green, D. H.	Seeds and plants.	12 75	
Green Engineering Co.	Engineering supplies.	92 06	2,630 00
Greisheims.	Cement and lime.	18 25	25 50
Grether Fire Equipment Co.	Hose racks.		7 58
Greve & Sons, F. S.	Wheat.		2 40
Grossfield & Roe Co.	Food.	112 50	
Gullachson, Jno. S.	Stamps.	40 00	
Gunther Hardware Co.	Hardware, etc.	374 33	374 01
Gutta Percha & Rubber Mfg. Co.	Rubber hose, etc.	284 50	
Hagen, James.	Building repairs.		15 00
Haines & Essick.	Office supplies.		173 80
Hall & Herrick.	Clothing.	93 60	
Hall, Saml. L.	Stove repairs.	12 00	
Halversan, P.	Amusement.	2 00	
Hammett Co., J. L.	Loom.		25 00
Hamlin Supply Co.	Food supplies.	1,479 17	
Hammond Co., G. H.	do.		3,024 00
Hanisch Sons, R.	Stable supplies.		9 00
Hansen, Fred.	Traveling expenses.	3 21	
Harris Oil Co., A. W.	Oil.	36 96	
Harrison Bros. & Co., Inc.	Paints.		56 38
Hart & Cooley Co.	Amusement.		4 08
Hawks, Inc.	Food.		1,349 70
Hawley, M. C.	Traveling expenses.		12 85
Herely Co., Wm.	Stock food.	1,798 13	690 31
Herriott & Son, Mrs. W. M.	Dental supplies.		24 80
Hettler Lumber Co., H. H.	Lumber.	777 91	
Hibbard Spencer Bartlett & Co.	Workshop supplies.	1,581 71	1,976 45
Hines Lumber Co., Edw.	Lumber.	66 46	946 24
Hixson, H. H. & Co.	Food.	1,347 50	
Hogan Envelope Co.	Office supplies.	5 25	5 25
Hogan Milling Co.	Food.	4,600 00	
Holder Hardware Co.	Hardware.		13 57
Holman Soap Co.	Soap.	171 36	111 03
Holmes, W. B.	Veterinary services.	23 00	
Hooker Co., H. M.	Paint shop supplies.	74 22	53 61
Johns Hopkins Press.	Subscription.	5 00	5 00
Horlick's Malted Milk Co.	Malted milk.		185 04
Horner & Co., Henry.	Food.	36 15	782 73
Huebner, H. P.	Harness repairs.		45 00
Humphreys & Co., J. F.	Food.	66 80	243 50
Hunkins-Willis Cement & Lime Co.	Lime and cement.		13 50
Hygienic Food Co.	Food.		5 40
Ide & Sons, A. L.	Engineers' supplies.		20 30
Illinois Electrical Co.	do.	34 80	
Illinois Industrial Home for the Blind.	Brooms and brushes.	1,152 50	848 14
Illinois Lithographing & Label Co.	Printing.		63 75
Illinois Malleable Iron Co.	Iron supplies.	806 25	881 84
Illinois State Game Commission.	Fish and chicken.	503 66	
Illinois State Journal.	Advertising.	7 45	
Illinois State Penitentiary.	Clothing and furniture.	5,367 18	5,544 36
Illinois State Reformatory.	Stationery.	519 97	884 91
Illinois State Register.	Advertising.		23 95
Illinois Soldiers & Sailors Home.	Food and live stock.	229 00	
Imperial Oil Co.	Oil.	34 43	
Inland White Lead Co.	White lead, oil.		143 75
International Harvester Co.	Agricultural implements.	32 00	1 50
International Motor Co.	Auto truck.	3,285 40	
Irving Park Sash & Door Co.	Window sash.		14 00
Irving Park Shoeing Shop.	Shoe shop supplies.		31 50
Irwin Paper Co.	Paper.		175 00
Jackson, Geo.	Machine repairs.	21 51	
Jeffersonian, The.	Stationery.	29 25	93 50
Jobst-Bethard Co.	Food.	3,658 24	4,302 89
Johns-Manville Co., H. W.	Workshop supplies.		175 95
Johnson, A. L.	Thread.	470 88	669 20
Johnson & Carlson.	Food containers.		33 50
Johnson & Co.	Fish.	67 50	84 00
Johnston-Hatcher Co.	Furniture and fixtures.		374 90

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1913.	Year end- ing Sept. 30, 1914.
Joliet Oil & Refining Co.	Oil.		\$ 60 90
Joliet Printing Co.	Printing.		11 73
Jones, A. L.	Manure.	\$ 264 00	374 00
Jones & Laughlin Co.	Dishes.	3 28	
John Electric Co., Arthur.	Electrical supplies.		5 00
Jordan, F. M.	Indelible ink.	21 00	
Joss, Frederik.	Berries.		24 50
Kankakee State Hospital.	Stationery.		90 31
Kasper & Co., A. J.	Food.	3,722 50	
Keasbey & Mattison Co.	Pipe covering.	122 43	
Kellogg, Harry H.	Kerosene and gasoline.	21 75	
Kemper Bros. Co.	Stock food.		779 51
Kennedy, T. F.	Orchestra services.	660 00	
Kerber Packing Co.	Food.	1,397 62	1,631 65
Keuffel & Esser.	Workshop supplies.	62 24	18 64
Kilander & Co., A.	Heating contract.		2,500 00
Kimball Co., W. W.	Tuning pianos.	3 50	
Kirk & Co., Jas. S.	Soaps.	794 96	533 52
Klaholt, A. W.	Bedding, etc.	4,039 68	9,464 29
Kleine & Co., Henry.	Shoe shop supplies.	43 10	44 84
Klemm, C. W.	Food.	367 68	207 83
Koch, Leo.	Traveling expenses.		77 50
Kochs & Co., Theo. A.	Barber chairs.		180 00
Koger, Orpha.	Traveling expenses.		17 04
Kohnstamm & Co., H.	Laundry baskets.	204 09	165 16
Krant & Dohnal.	Barber's supplies.		20 30
Kreikenbaum, Fred.	Cigars.	66 50	50 00
Krueger, H. L.	Tuning pianos.	13 00	
Krug, S.	Wrecking contract.	6,700 00	
Kueck, Jno.	Harness repairs.	34 45	
LaCourt Dental Co., J. A.	Dental supplies.	20 50	
Ladew, Estate of Edw. R.	Household supplies.		7 10
Landon Iron & Wire Works, E. R.	Fire escape.		138 00
Landschaft & Co., Wm.	Wagon repairs.		39 00
Lavo Co. of America.	Household supplies.	79 20	13 20
Lebrecht & Co., Jos.	Food.	10 00	
Leininger, Geo., M. D.	Traveling expenses.	44 46	12 85
Lemchen, Barnet, M. D.	do.	8 88	
Leonard Bros.	Seeds.	2 25	1 00
Leuth Bros.	Farm truck and repairs.	33 00	123 00
Lewis Mfg. Co.	Hospital supplies.	302 50	280 30
Library Bureau.	Filing cabinet and supplies.	56 94	4 00
Liebrman Bed Spring Co.	Bed springs.		62 34
Like, Ottis.	Traveling expenses.		14 70
Lincoln Ice Co.	Ice.	2,319 60	2,161 67
Lincoln State School & Colony.	Brushes.		65 20
Lion Compressed Yeast Co.	Yeast.	161 25	
Lisk Mfg. Co., Ltd.	Household supplies.	9 75	
Lisor, Graham.	Traveling expenses.		10 75
Litchfield Milling & Elevating Co.	Flour.	1,653 20	
Little & Sullivan.	Horseshoeing.	102 75	347 00
Loetz, A. M.	Food.	121 13	23 76
Lowenthal & New Co.	Cotton.	112 93	318 61
Logan Printing House.	Stationery.		45 00
Longfield, O. F.	Stock feed.		61 50
Ludowichi-Coladan Co.	Tile.	5 80	
Luthy & Locher.	Food.		42 00
Lynch-Clarissy Co.	Engine oil.		75 27
Lyon & Healy.	Tuning piano.	3 50	
McCarthy, H. S., M. D.	Traveling expenses.		3 80
McCarthy, R. R., M. D.	do.		75 11
McClurg & Co., A. C.	Office supplies.	110 05	236 50
McComb Sewer Pipe Co.	Sewer pipes.	8 00	12 05
McCourtney Dry Goods Co.	Dry goods.	207 44	975 01
McDonald Mfg. Co.	Repairs, etc.		180 39
McDonough & Co.	Medical directory.		2 50
McGillen & Co., John.	Premium on bond.		50 00
McGrew, Frank.	Coal.	2,723 89	
McGrew, W. A.	Food.	94 00	451 00
McKee & Co.	Repairing glasses.		1 75
McMaster-Carr Supply Co.	Repairs, etc.	371 64	807 80
McNeal, Jno. W.	Workshop supplies.	733 26	2 70
McNeil & Higgins Co.	Food.	2,523 85	3,330 95
Machinists' Supply Co.	Workshop supplies.	184 54	372 92
MacPherson & Edwards.	Clothing.	38 45	
MacVeagh & Co., Franklin.	Food.	2,394 29	2,167 13
Magie Bros.	Lubricating oils.	1 88	1 75
Mandel Bros.	Dry goods.	262 08	68 00
Manhattan Electrical Supply.	Electrical supplies.	33 66	

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1913.	Year end- ing Sept. 30, 1914.
Manhattan Rubber Co.	Rubber goods.	\$ 433 47	\$ 345 80
Manougian, Dr. K. M.	Traveling expenses.		70 50
Marshall Field & Co.	Dry goods.	2,228 49	3,746 29
Martin Dry Goods Co.	do.	1,588 70	1,290 36
Mayer & Bro., O. F.	Food.	566 40	117 32
Metropolitan Garage.	Auto tire.		15 00
Meyer, Catherine.	Traveling expenses.		34 14
Meyer & Weber.	Piano.		200 00
Mitchell Co., Henry F.	Manure.		10 75
Middleby-Marshall Oven Co.	Stove repairs.	6 00	53 35
Miller & Co., E. B.	Coal.		26 40
Miller & Bro., Jas. A.	Tile roofers.		46 88
Mitchell, Hannah.	Traveling expenses.		7 16
Moffett Studio.	Governor's pictures.	44 50	
Moline Barber Supply Co.	Barber's supplies.		37 20
Moloney Belting Co.	Belting.		98
Monarch Electric & Wire Co.	Electrical supplies.		71 32
Monarch Four Quartette.	Quartette services.		10 00
Moninger Co., J. C.	Greenhouse supplies.	10 85	
Moore, J. Paul.	Live stock.	40 00	
Morgan & Co.	Boilers.		118 70
Morehouse & Wells Co.	Hardware.	213 34	190 74
Morris & Co.	Food and Anhydrous ammonia.	3,118 40	260 34
Morrison Plumber & Co.	Medical supplies.	183 91	294 99
Moser Paper Co.	Toilet paper.	2 44	
Mt. Prospect Creamery Co.	Milk and cream.	20,922 94	14,807 79
Moxley, Wm. J.	Butterine.	2,997 00	
Mueller Coal Co.	Coal.		906 62
Mueller Mfg. Co., H.	Workshop supplies.	23 82	136 05
Mueller & Co., V.	Medicine and medical supplies.	7 50	19 17
Mulford, H. K.	Medical supplies.	10 00	
Munday & Co., C. B.	Food.	3,168 00	2,471 00
Murken, Mrs.	Eggs.		8 80
Murphy & Walsh.	Hot water tank.		156 00
National Aniline & Chemical Co.	Laundry supplies.	484 17	48 08
National Committee Mental Hygiene.	Report.	1 00	
National Laundry Journal.	Subscription.		2 76
National Marking Machine Co.	Marking Machine supplies.		74
Neville, Lillie.	Traveling expenses.		18 54
Newberry, Library.	Stationery.	5 50	
New Century Co., The.	Flour.		51 00
News Company.	Publishing bids.	1 10	2 10
New York Belting & Packing Co.	Workshop supplies.		40 13
Northern Bank Note Co.	Checks.		20 75
Nott Co., W. S.	Repairs.		27 00
Novak & Co., Chas.	Paint shop supplies.		101 03
Oakford & Fahnstock.	Food.	2,567 14	1,353 44
O'Brien & Co., P. J.	do.	412 50	532 52
O. D. Disinfectant.	Disinfectants.	37 50	
O'Donnell, E. R.	Mattress twine.	1,997 48	843 08
Orr & Lockett Hardware Co.	Hardware.	102 24	843 49
Paltzer Lumber Co., C. A.	Lumber.	68 53	551 23
Pantagraph, The.	Advertising.	1 90	
Parke Davis & Co.	Drugs.		46 80
Patent Button Co.	Tailor shop supplies.		15 00
Peacock Co., Everette R.	Seeds.		27 50
Pennsylvania Coal Co.	Coal.	980 14	1,062 54
Pennsylvania Oil & Supply Co.	Oil.	3 50	24 00
Peoria Journal.	Advertising.	5 75	10 26
Peoria Star Co.	do.		4 80
Peters & Reed Pottery Co.	Florists' supplies.	41 30	51 40
Pfeiffer Crockery Co., F. H.	Crockery.	9 92	
Albert Pick & Co.	Dishes.	142 69	91 16
Pinkham & Co., E. H.	Food.		197 28
Pitkin & Brooks.	do.	144 34	114 76
Pittsburgh Plate Glass Co.	Glass.	65 54	
Potter, M. L.	Paints.	6 00	10 75
Potter, M. M.	Stamps.	320 00	515 00
Powell Co., Wm.	Engineering supplies.	106 10	
Power Coal Co.	Coal.		3,294 88
Pratt & Cady Co.	Valves.	30 86	191 75
Preusen, N. E.	Newspaper subscriptions.		20 40
Proctor & Gamble Distributing Co.	Soap.		49 50
Producers Refining Co.	Oils.		1 50
Public Service Co. of Illinois.	Power.		19 26
Puhl-Webb Co.	Food.	67 77	
Quan & Co., W. J.	do.	193 00	
Quincy Grocer Co.	do.	388 34	674 50
Quincy Journal.	Advertising.		5 85

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1913.	Year end- ing Sept. 30, 1914.
Quirk, L. F.	Traveling expenses.		\$ 281 64
Rea, Robt. H.	..do.	\$ 35 14	
Read, Chas. F.	..do.		46 66
Read & Co., W. B.	Stationery.	410 60	51 67
Red Star Compressed Yeast Co.	Yeast.	623 25	750 75
Reed, S. I.	Shoe shop supplies.	432 05	122 64
Regan, Elizabeth.	Traveling expenses.		2 00
Register Gazette.	Advertising.		1 55
Reid Murdock & Co.	Food.	1, 177 48	997 63
Remington Typewriter Co.	Typewriters and supplies.	201 85	26 40
Remus, Max H.	Tuning pianos.		8 00
Repsold, Edward.	Hardware.	1 35	
Rhoads & Fillman.	Dry goods.	13 88	655 00
Riach, T. J.	Traveling expenses.	62 40	
Rice Co., Jas. H.	Workshop supplies.		215 64
Richardson, H. H.	Premium on bond.		15 00
Richardson & Co., O. W.	Carpets and rugs.		1, 113 35
Riemenschneider, J. H.	Drugs.	3 00	
Robbins & Co.	Fish.	766 72	
Riser, Rudolph.	Spectacle repairs.		2 00
Rockford Morning Star.	Advertising.	1 14	
Rock Island Plow Co.	Agricultural implements.		177 75
Rockwell-Barnes Co.	Toilet paper.		90
Ropp Bros.	Vacuum cleaner.		24 00
Ruettiman, Emil.	Cigars.		37 50
Rumley-Wachs Machinery Co.	Workshop supplies.	12 00	
Russell-Kincaid Co.	Boiler compound.	104 12	102 90
Salvation Army.	Orchestra services.	5 00	10 00
Sargent & Co., E. H.	Medical supplies.	24 45	42 45
Sawyer Bisculi Co.	Food.	130 64	14 46
Scheidel-Western X-Ray Co.	X-Ray supplies.	25 00	40 25
Schermerhorn, Wm.	Rivets and twine.	7 60	
Schermerhorn Bros. Co.	Toilet paper.	70 00	
Schieren Co., Chas. A.	Beltting.	4 45	14 58
Schillinger Construction Co.	Painting contract.		5, 000 00
Schmidt, Richard.	Traveling expenses.		12 10
Schureman, C. C.	Plumbing supplies.	100 50	191 00
Scully Steel & Iron Co.	Workshop supplies.	78 53	180 42
Seehausen-Wehrs & Co.	Engineer's supplies.		11 95
Seiwell, Harry H.	Traveling expenses.		2 16
Selle & Co., H. W.	Moss.	93 00	
Shapleigh Hardware Co.	Hardware.	140 85	121 68
Sharp & Smith.	Instruments and apparatus.	31 55	284 88
Shavings & Sawdust Co.	Sawdust.	8 50	
Shaw-Walker Co.	Filing cabinet.	14 00	2 05
Sherwin-Williams Co.	Workshop supplies.		515 00
Schultz Beltting Co.	Beltting.	3 50	28 32
Shure Co., N.	Notions.	8 10	
Simmons Hardware Co.	Hardware.	16 00	
Simplex Electric Heating Co.	Electrical supplies.		1 75
Sinclair Mfg. Co.	Laundry supplies.		60 00
Sloberg, Mrs. Johanna.	Eggs.	8 00	
Sloan & Co., Alexander.	Blankets.	480 00	
Sloan, A. C.	Traveling expenses.		19 85
Smith, Ed. D.	Tobacco.	1, 240 00	
Smith, Elmer E.	Traveling expenses.		32 67
Smith, H. J.	..do.	26 50	39 15
Smith, J. Y.	..do.		5 15
Smith & Co., W. J.	Food.	1, 471 87	729 06
Sohn, Ricker & Wiesenborn.	Dishes.	339 76	
Somers, John.	Traveling expenses.		25 90
Southern Illinois Penitentiary.	Clothing, etc.	9, 191 70	8, 925 85
Spalding & Bros., A. G.	Amusement.		7 50
Spangler, Dr. Faith E.	Traveling expenses.	2 35	
Sprague-Warner & Co.	Food.	791 50	1, 154 50
Springfield Paper Co.	Household supplies.	146 00	87 25
Springfield Record.	Advertising.	1 90	6 40
St. Charles School for Boys.	Stock food.		85 40
Stahl, Geo. H.	Incubators.	50 00	
Standard Glass Co.	Glass.		81 60
Standard Oil Co.	Oils.	66 75	283 00
Standard Tyler Co.	Workshop supplies.	116 00	
Stang, Margaret.	Traveling expenses.		6 40
Star & Crescent Milling Co.	Food.		4, 257 00
Starr Co., W. H.	Harness and stable supplies.	27 20	
Stearns Salt Co.	Food.		14 64
Steele Wedeles Co.	..do.	1, 690 06	5, 563 92

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1913.	Year end- ing Sept. 30, 1914.
Sterne & Maley Co.	Laundry supplies.	\$ 64 06	\$ 302 40
Stevens Co., Chas. G.	Workshop supplies.	26 64	4 82
Stewart Paper Co., A. G.	Toilet paper.	79 50	117 60
Stover Mfg. Co.	Household supplies.	6 50	4 00
Strassheim Fuel & Supply Co.	Cement.	354 56	
Street & Co., R. R.	Loom.	5 40	
Studebaker Corporation.	Wagon.	195 00	
Sullivan, Francis J.	Traveling expenses.	9 00	
Sullivan Oil Co.	Engineer's supplies.	65 53	2 00
Sulzberger & Sons.	Food.	3,698 03	6,826 53
Sutliff & Case Co.	Medical supplies.	1,200 21	760 59
Sutter, C. J.	Traveling expenses.	556 34	228 36
Swift & Co.	Food.	16,408 93	3,083 64
Swift & Co., Lincoln Ave. Market.	do.	1,714 04	608 00
Swift & Co., Water St. Market.	do.		273 60
Teasdale & Co., J. W.	do.	495 00	517 50
Tegel, Stephen.	Traveling expenses.		34 66
Tenk Hardware Co.	Hardware.	55 40	97 98
Terre Haute Oil & Coal Co.	Engineer's supplies.	212 42	129 50
Tetzner, E.	Carpet warp.	19 00	17 00
Thoma & Sons.	Workshop supplies.		2 05
Thunberg, Edward.	Food.	345 00	
Tiona Oil Co.	Engineer's supplies.		5 60
Toler, Edw. L.	Traveling expenses.		57 06
Tribune Co.	Advertising.	35 07	17 73
Triggs Co., Chas. W.	Food.		255 25
Troxell Kikendall & Co.	Insurance premium.	194 80	145 63
Troy Laundry Machinery Co.	Laundry supplies.	20 20	29 70
Truax Greene & Co.	Medical supplies.	97 56	59 60
Tushek, R. H.	Traveling expenses.		2 13
Underwood Typewriter Co.	Typewriter supplies.		11 00
U. S. Fidelity & Guaranty Co.	Premium on bond.		5 00
United States Gypsum Co.	Plaster.	7 50	
Universal Knitting Mills.	Bedding.	3,827 70	783 75
Universal Register Co.	Stationery.	2 10	2 10
Universal Portland Cement Co.	Cement.	149 75	
Utica State Hospital.	Magazine subscription.	2 00	
Valhalla Co.	Medical supplies.	27 35	
Van Schaack & Sons, Peter.	do.		5 32
Vaughans Seed Store.	Seeds.	150 10	196 37
Wabash Coal Co.	Coal.		844 87
Warner Construction Co.	Building contract.	65,100 00	33,465 80
Washburn-Crosby Co.	Stock food.	3,535 00	
Waterman & Co.	Dry goods.		433 46
Watertown State Hospital.	Office supplies.	35 00	
Watson Co., Geo. E.	Paint shop supplies.		11 66
Weatherhead & Co., W.	Dental supplies.	28 01	3 35
Webb, Frank E.	Clothing.		620 50
Welch, Jno.	Insecticide.	5 00	
West End Pottery Co.	Green house supplies.	435 20	
Western Electric Co.	Electrical supplies.	102 17	1,849 56
Western Plumbing Supply Co.	Workshop supplies.		92 72
Western Produce Co.	Food.	25 85	3,340 73
Western Roofing Supply Co.	Roof repairs.		310 34
Westphal, H.	Charcoal.		5 25
Wheelock & Co., C. E.	Food.	197 10	221 89
Whitcomb & Barrows.	Medical book.		1 00
White Dental Mfg. Co., S. S.	Dental supplies.	5 00	57 91
Wieboldt & Co., W. A.	Dry goods.	13 68	6 00
Wiedlocker, Frank.	Stock food.	289 50	18 75
Wieland Dairy Co.	Milk and cream.		5,195 40
Wietor Bros.	Plants.	21 00	
Williams Supply Co.	Barrels.		152 30
Williamson, C. H.	Food.	\$2 25	
Wilson Grocery Co.	do.	210 00	
Winkler & Schirmaer.	Picture frame.	3 75	
Winner, P. S.	Traveling expenses.	9 55	17 03
Winterson's Seed Store.	Seeds.	4 75	
Wolf, Jas.	Traveling expenses.		24 90
Woods, Harry.	Auto license.		8 65
Worms, A. C.	Veterinary services.	24 50	11 00
Yates, W. H.	Premium on bond.	25 00	
Yawman & Erbe Mfg. Co.	Filing cabinets.	40 66	62 00
Zench, August.	Wagon repairs.	13 20	
Zimmerman, W. Carbys.	State articheet fees.	1,864 72	
Zuckerman, Wm.	Food.		352 80
Total.		\$344,977 83	\$341,414 25

STATEMENT OF COUNTY AND INDIVIDUAL ACCOUNTS.

For the year ending Sept. 30, 1913.

COUNTY ACCOUNTS.

		1912	Dr.		
Oct.	1	To	balances in county ledger.....		
Sept.	30		clothing, etc., charged to counties.....	\$14,036 72	
Cr.					
Sept.	30	By	amount paid by counties.....		\$13,787 57
			balances in county ledger.....		249 15
				<u>\$14,036 72</u>	<u>\$14,036 72</u>
Oct.	1	To	balances in county ledger.....	\$249 15	

INDIVIDUAL ACCOUNTS.

		1912	Dr.		
Oct.	1	To	balances in individual ledger.....		
Sept.	30		clothing, etc., charged to individuals.....	\$1,017 94	
Cr.					
Sept.	30	By	amount paid by individuals.....		\$413 45
			amount transferred to county ledger.....		249 15
			balances in individual ledger.....		355 34
				<u>\$1,017 94</u>	<u>\$1,017 94</u>
Oct.	1	To	balances in individual ledger.....	\$355 34	

For the year ending Sept. 30, 1914.

COUNTY ACCOUNTS.

		1913	Dr.		
Oct.	1	To	balances in county ledger.....	\$249 15	
Sept.	30		clothing, etc., charged to counties.....		
Cr.					
Sept.	30	By	amount paid by counties.....		\$249 15
			balances in county ledger.....		
				<u>\$249 15</u>	<u>\$249 15</u>
Oct.	1	To	balances in county ledger.....	\$249 15	

INDIVIDUAL ACCOUNTS.

		1913	Dr.		
Oct.	1	To	balances in individual ledger.....	\$355 34	
Sept.	30		clothing, etc., charged to individuals.....		
Cr.					
Sept.	30	By	amount paid by individuals.....		\$30 65
			amount charged to profit and loss.....		7 45
			balances in individual ledger.....		317 24
				<u>\$355 34</u>	<u>\$355 34</u>
Oct.	1	To	balances in individual ledger.....	\$317 24	

STATEMENT OF AGREEMENT TO SUPPORT ACCOUNTS.

For the year ending Sept. 30, 1913.

		1913	Dr.		
Sept.	30	To	amount charged.....	\$8,888 08	
Cr.					
Sept.	30	By	amount paid by sundries persons.....		\$3,535 16
			amount charged to profit and loss.....		225 75
			balances in support ledger.....		5,127 17
				<u>\$8,888 08</u>	<u>\$8,888 08</u>
Oct.	1	To	balances in support ledger.....	\$5,127 17	

CHICAGO STATE HOSPITAL.

For the year ending Sept. 30, 1914.

1913		<i>Dr.</i>		
Oct.	1	To balances in support ledger.....	\$ 5,127 17	
1914				
Sept.	30	amount charged.....	14,195 73	
		<i>Cr.</i>		
Sept.	30	By amount paid by sundries persons.....		\$7,909 88
		amount charged to profit and loss.....		706 68
		balances in support ledger.....		10,706 34
			<u>\$19,322 90</u>	<u>\$19,322 90</u>
Oct.	1	To balances in support ledger.....	<u>\$10,706 34</u>	

STOREKEEPER'S REPORT.

For the year ending Sept. 30, 1913.

1912		<i>Dr.</i>		
Oct.	1	To balance on hand (inventory).....	\$15,871 44	
		supplies received during quarter ending Dec. 31, 1912 (purchased).....	54,226 66	
		supplies received during quarter ending April 30, 1913 (purchased).....	38,941 90	
		supplies received during quarter ending June 30, 1913 (purchased).....	37,649 49	
		supplies received during quarter ending Sept. 30, 1913 (purchased).....	26,199 68	
		supplies received from farm.....	9,437 70	
		supplies received from sewing room.....	8,937 63	
		supplies received from tailor shop.....	800 85	
		<i>Cr.</i>		
Sept.	30	By supplies, etc., issued to departments, on requisitions, as follows:		
		Bakery.....		\$16,938 45
		Kitchen.....		89,415 64
		Hospital.....		8,064 54
		Male wards—main building.....		5,736 66
		Female wards—main building.....		4,560 10
		Male cottage wards.....		9,654 53
		Female cottage wards.....		3,740 48
		Sewing room.....		8,205 23
		Mattress shop.....		92 83
		Tailor shop.....		936 77
		Shoe shop.....		13 40
		Boiler and engine room.....		559 50
		Art cottage.....		254 36
		Greenhouse.....		76 49
		Laundry.....		1,817 92
		Administration.....		4,630 38
		Farmer.....		842 23
		Clothing.....		8,431 13
		Merchandise returned.....		414 84
		Merchandise sold.....		13 79
		Profit and loss.....		4,395 58
		By balance on hand (inventory).....		23,270 50
			<u>\$192,065 35</u>	<u>\$192,065 35</u>
Oct.	1	To balance on hand.....	<u>\$23,270 50</u>	

STOREKEEPER'S REPORT.

For the year ending Sept. 30, 1914.

1913		<i>Dr.</i>		
Oct.	1	To balance of supplies on hand (inventory).....	\$23,270 50	
		supplies received during quarter ending Dec. 31, 1913 (purchased).....	40,168 39	
		supplies received during quarter ending April 30, 1914 (purchased).....	44,031 78	
		supplies received during quarter ending June 30, 1914 (purchased).....	43,542 18	
		supplies received during quarter ending Sept. 30, 1914 (purchased).....	36,280 26	
		supplies received from farm.....	4,487 40	
		supplies received from sewing room.....	12,338 62	
		supplies received from tailor shop.....	1,123 52	

1914		Cr.		
Sept.	30	By supplies, etc., issued to departments, on requisitions, as follows:		
		Bakery	\$ 17,119 44	
		Kitchen	104,835 51	
		Hospital	5,104 27	
		Male wards—main building	5,941 69	
		Female wards—main building	5,607 97	
		Male cottage wards	19,019 36	
		Female cottage wards	5,481 98	
		Sewing room	11,126 29	
		Mattress shop	889 64	
		Tailor shop	1,036 66	
		Shoe shop	1 31	
		Boiler and engine room	132 42	
		Art cottage	148 74	
		Greenhouse	19 96	
		Laundry	224 00	
		Administration	2,336 02	
		Farmer	127 50	
		Drug store	25 16	
		Profit and loss	14 45	
		By balance of supplies on hand (inventory)	26,050 29	
			<u>\$205,242 65</u>	<u>\$205,242 65</u>
Oct.	1	To balance on hand	\$26,050 29	

STATEMENT OF TRUST FUND.

Oct. 31, 1912, to Sept. 30, 1913.

Total disbursements		\$ 596 85
Balance due inmates Oct. 31, 1912	\$1,593 47	
Receipts (antographic No. 1 to 228 incl.)	633 27	
Balance due inmates Sept. 30, 1913		<u>1,629 89</u>
	<u>\$2,226 74</u>	<u>\$2,226 74</u>

Oct. 1, 1913, to Sept. 30, 1914.

Total disbursements		\$1,436 19
Balance due inmates Sept. 30, 1913	\$1,629 89	
Receipts (antographic No. 229 to No. 771 incl.)	2,187 74	
Balance due inmates Sept. 30, 1914		<u>2,381 44</u>
	<u>\$3,817 63</u>	<u>\$3,817 63</u>

Statement of Trust Fund commences with November 1, 1912, for the reason that a system of accounts, as prescribed by the Board of Administration, was inaugurated at that time.

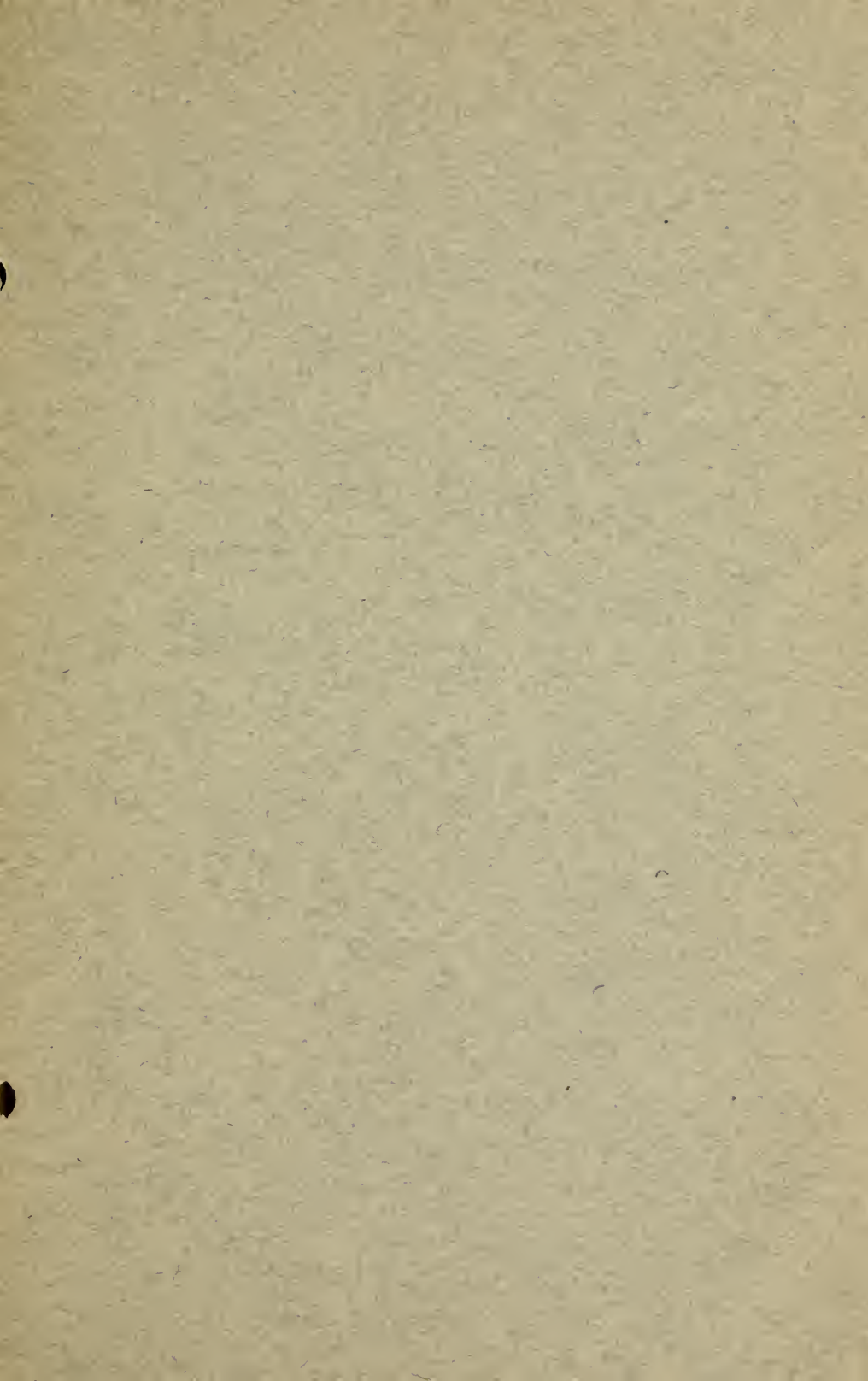
TRIAL BALANCE.

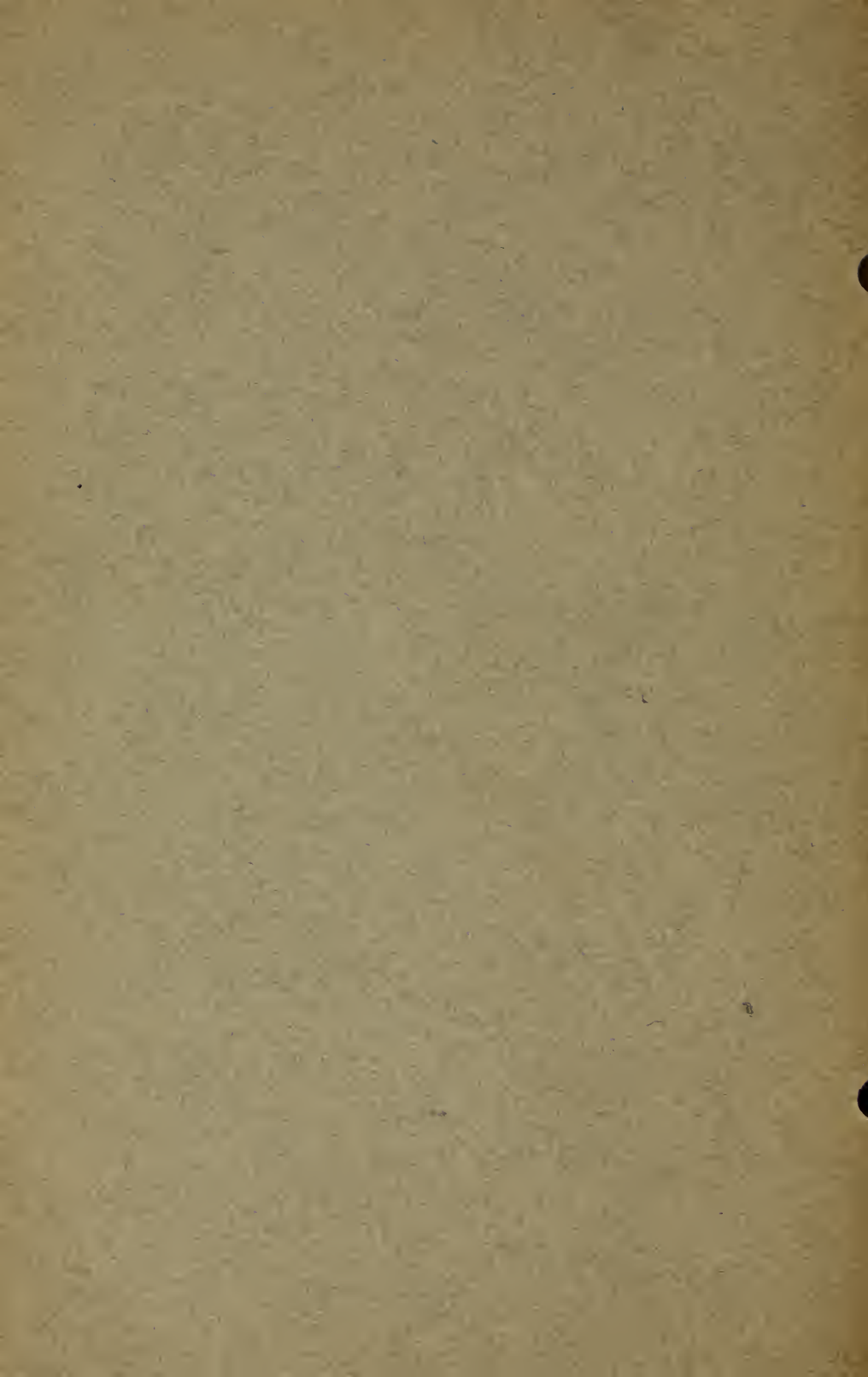
Chicago State Hospital, Sept. 30, 1914.

Names of accounts.	Debit.	Credit.
State of Illinois (net value)		\$2,988,130 13
Lands	\$503,556 14	
Buildings	952,759 68	
Live stock	4,037 35	
Contents and equipment	66,513 63	
Machinery and tools	51,057 94	
Harness and stable supplies	192 38	
Plumbing, heating, light and engine supplies	13,249 67	
Wagons and other vehicles	4,736 50	
Agricultural implements	184 34	
Nurses home	1,456 42	
Cottages for untidy females	55 58	
Administration building	22 00	
Appropriation for ordinary operating expense	109,039 96	
Appropriation for ordinary repair and improvement	52,224 92	
Appropriation for ordinary care and improvement of grounds	2,066 14	
Appropriation for furniture	6,476 95	
Appropriation for painting	9,762 23	
Appropriation for plumbing	992 78	
Appropriation for floors, etc.	16,713 71	
Appropriation for heat, light, etc.	158,801 07	
Appropriation for receiving service	274,962 32	
Appropriation for cottages to replace infirmary wards	149,933 17	
Appropriation for nurses' home	88,543 58	
Appropriation for laundry machinery	14,983 44	
Superintendent contingent	892 91	
Superintendent trust fund	2,381 44	
Trust fund ledger		<u>2,381 44</u>
State treasurer	11,793 18	

Name of accounts.	Debit.	Credit.
County ledger.....	\$ 249 15	
Agreements to support.....		\$14, 195 73
Individual ledger.....	317 24	
Support ledger.....	10, 706 34	
Administration.....	133, 501 43	
Boiler and engine room.....	14, 654 51	
Fuel.....	43, 540 19	
General repairs.....	53, 583 66	
Storekeeper.....	26, 050 29	
Sewing room.....	136 28	
Loss and gain.....	1, 420 47	
Drug store.....	1, 909 31	
Farmer.....		10, 409 51
Laundry.....	5, 697 81	
Green house.....	918 41	
Paint shop.....	3, 444 28	
Shoe shop.....	904 42	
Mattress shop.....		2, 325 18
Tailor shop.....	739 57	
Tin shop.....	976 27	
Carpenter shop.....	4, 728 17	
Bakery.....	19, 813 72	
Main kitchen.....	145, 801 15	
Main building—male wards.....	6, 792 78	
Male cottage wards.....	22, 438 46	
Main building—female wards.....	7, 019 39	
Art cottage.....	371 47	
Female cottage wards.....	6, 379 26	
Hospital.....	8, 418 99	
Illinois Soldiers' Orphan's Home.....	25 00	
Elgin State Hospital.....	7 00	
H. W. Buckbee.....		215 55
Depotation department.....	216 34	
Doering & Son.....		513 25
Total.....	\$3, 018, 170 79	\$3, 018, 170 79







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THIRD BIENNIAL REPORT

OF THE

Chicago State Hospital

AT

Dunning, Illinois

OCTOBER 1, 1916



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THIRD BIENNIAL REPORT

OF THE

Chicago State Hospital

AT

UNIVERSITY OF ILLINOIS
MAR 9 1917

Dunning, Illinois

OCTOBER 1, 1916



SPRINGFIELD, ILL.
ILLINOIS STATE JOURNAL CO., STATE PRINTERS.
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H. T. LITTLE, M. D., *Interne.*

DENTIST.

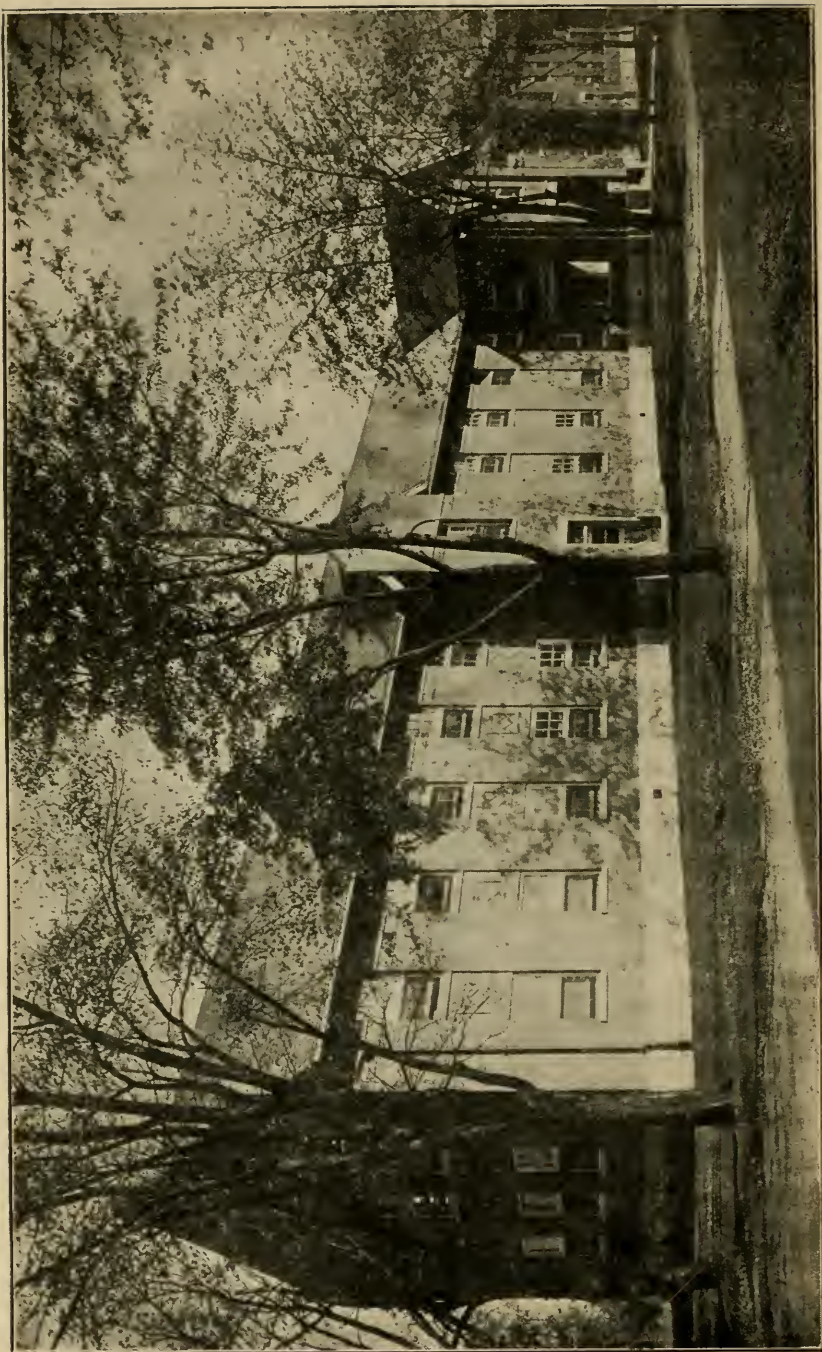
WM. H. WATTS, D. D. S.

PHARMACIST.

HENRY LINDBLADE, Ph. G.

CHIEF NURSE.

ORPHA KOGER.



Receiving building.

SUPERINTENDENT'S REPORT.

To the Board of Administration, Springfield, Ill.

GENTLEMEN: I have the honor to submit the third biennial report, covering a period beginning October 1, 1914, and ending September 30, 1916.

HOSPITAL POPULATION.

Admissions.—Quite an increase in admissions has occurred since our last biennial report. On October 1, 1914, there were present 2,759, and on September 30, 1916, 3,356, showing an increase of 597. For the same dates, there are enrolled, respectively, 2,944 and 3,575. Had not all patients possible been paroled our number present would be much greater. We now have 239 out on parole. The increase of patients is sure to come. Being so near to the city of Chicago, relatives of patients from Chicago, desire to have their unfortunates placed in an institution where they will be able to see them often without great expense, and it would seem that they were entitled to this request, because the majority of patients admitted to this institution are of the poorer class, and the relatives are not able to expend any amount of money to visit them; furthermore, being mostly laboring people, their positions would be endangered by leaving for even a short time.

Commitments.—Unlike the previous biennial, we have had a great number of voluntary commitments. Of course most of these were drug cases, but a great number were mental cases also. I have encouraged voluntary commitments whenever I had the opportunity. This often relieves the relatives from the anxiety of going through court proceedings, and also to a great extent relieves the patient from the excitement of appearing in court. In my opinion voluntary commitments should be encouraged at every State institution.

Discharges.—During this period we have discharged 1,372, 696 being discharged recovered, one male as not insane. Of those discharged recovered, there were 350 drug cases. Others were discharged improved, unimproved and stationary.

Escapes.—Being so near the city limits, street cars coming right to the door of the institution, and many patients having the freedom of the grounds, one can easily see why there is a number of escapes. At the end of this period, we had forty escapes, nearly all of them, however, are known to be at home, and in many instances, relatives of patients desire to keep them at home, and have signed paroles for them.

Deportation.—During this period, 83 patients have been deported, and many more would have been deported, had it not been for the unsettled conditions in Europe.

Deaths.—The death rate for this institution is naturally a little higher than any other in the State, for the reason that all stretcher cases, including many paretics in the last stages—are sent here from the Detention Hospital, in preference to hospitals a further distance away. In a considerable number of instances, death has occurred on the same day of arrival of the patient, or within a few days after arrival. Number of deaths for this period is 847, 530 males and 317 females.

Transfers from Other Institutions.—One hundred and seventeen patients have been transferred from other State hospitals to this institution, probably for the reason that this institution is nearer to the relatives and friends of the patients.

The new system of transferring patients from the Psychopathic Hospital in a large and modern automobile bus is a great improvement over the old method of sending the patients on the trains. The patients are saved much unnecessary exposure to the curious crowds which are always to be found in public places such as railroad stations. Those who are too ill to travel in an automobile, are brought by ambulance.

MEDICAL SERVICE—IMPROVEMENT IN CLASSIFICATION.

During this biennial, we have made great efforts for the proper classification of patients, and since our new buildings have been finished, have been able to accomplish a great deal. Our helpless class of male patients were transferred from cottage ward 6 to new cottage ward 17, and old ladies practically in need of custodial care only, were placed in cottage ward 6, so that now practically all wards on cottage street, 1, 2, 3, 4, 5, 6, 7, 8, and 9, are occupied by female patients. All female patients who are not trustworthy, were removed into other cottages, and replaced by trustworthy ones, so that now 7 and 8 are open wards. Patients from female receiving wards, A 1-2-3, were moved to new receiving ward C W 19, and other female patients from overcrowded wards in the main building, were moved into the former receiving wards. The old residence apartments of the Managing Officer and Assistant Managing Officer were converted into wards for female patients. On the male side, receiving wards B, C, and D 4 were moved to new receiving ward C W 18, the old receiving wards being occupied by the overflow of patients in other wards. D W 4 ward, male epileptic ward, has been changed to the lower floor in the same building, and patients from the lower taken to the upper floor in this building, knowing that it is better for epileptics to be on the first floor. We have now in the old annex building, 420 patients. During the summer, this has been a pleasant residence for patients inasmuch as the grounds are beautiful and opportunities for being out of doors are almost limitless. These wards are unlocked practically all of the time, but are kept under close supervision by the attendants. This is an ideal place for patients, being lighted from all sides, thoroughly ventilated and also comfortable during the winter.

Our patients are bathed daily on their respective wards, except the male patients who go to the general bathroom.

The following are the new buildings opened during this last biennial—C W 17, December 1, 1915. This is a one story building, two

dormitories, day room, dining room, clothes room, toilet facilities and is occupied by 72 infirm patients. This building with probably a few changes and additions is an ideal one for patients. C W 15, occupied March 14, 1916, a two story brick fire proof building, modern in every respect and occupied by 80 patients. C W 16, occupied on the same day as C W 15, same type of building, and houses 112 patients. C W 18, occupied July 5, 1916, by 90 patients and at this writing has increased to 111. This is now our new male receiving ward, greatly needed, but I am sorry to say that hydrotherapy apparatus is not in operation at this writing, for the reason that the new power house is not finished and we have no hot water for hydrotherapy purposes. The building is two story, entirely fireproof, with three ordinary sized dormitories and rooms to accommodate one or two patients, dining room, two day rooms and other necessary house facilities. C W 19 is the new female receiving ward and is the same as 18, and all conditions of 18 apply to 19. Our new nurses' home occupied October, 1915 is four stories with basement facilities, two commodious sitting rooms comfortably arranged on the main floor. There are 72 rooms each occupied by two nurses. Administration Building, occupied February, 1916, being three story and basement. Basement contains a kitchen and store rooms. The first floor is occupied by the offices of the managing officer, assistant managing officer, chief clerk, record clerk, chief nurse, stenographers' room and staff meeting room. The second floor is occupied by the apartments of the managing officer, assistant managing officer, officers' dining room, guest rooms, telephone office. The third floor is occupied by members of the staff.

MEDICAL SERVICE.

CHANGES IN THE HOSPITAL STAFF.

During the biennial period there have been very few changes in the personnel of the medical staff, most of those who were present at the beginning of the period, October 1, 1914, still remaining in the service of this hospital. Following is a list of the members of the staff who have served during the biennial period:

Name.	Rank.	Date of appointment.	Date of transfer.
C. F. Read.....	Assistant superintendent.....	Mar. 15, 1914	Apr. 1, 1915
H. J. Smith.....	do.....	Apr. 1, 1915	May 1, 1916
Eugene Cohn.....	do.....	May 1, 1916	
R. H. Rea.....	Physician.....	Apr. 21, 1910	
G. M. Lisor.....	do.....	Aug. 1, 1912	
Barnet Lemchen.....	do.....	Nov. 1, 1912	
C. C. Ellis.....	do.....	Dec. 9, 1912	
H. S. McCarthy.....	do.....	Dec. 6, 1913	
R. R. McCarthy.....	do.....	Dec. 6, 1913	
Otis Like.....	do.....	Jan. 7, 1914	
J. J. Mendelsohn.....	do.....	Mar. 27, 1915	June 1, 1915
R. B. Kershaw.....	do.....	May 7, 1914	
J. C. Kaczowski.....	Assistant physician.....	July 10, 1914	
Alice Smith.....	do.....	Aug. 14, 1914	Aug. 15, 1915
L. G. Wright.....	do.....	June 26, 1914	Nov. 22, 1915
H. T. Little.....	Intern.....	July 1, 1916	
T. J. Denny.....	Dentist.....	Jan. 1, 1914	Apr. 16, 1915
Wm. H. Watts.....	do.....	May 24, 1915	

All those who left the service here were transferred to other hospitals as follows:

Dr. Read to Peoria State Hospital and Dr. H. J. Smith to Anna State Hospital; Dr. Alice Smith and Dr. Wright, who entered the hospital as Internes, to Jacksonville State Hospital; Dr. Mendelsohn to Lincoln State School and Colony; and Dr. Denny to Anna State Hospital.

RECEIVING SERVICE.

Patient immediately upon admission is examined by the physician and supervising nurse. Following this, after a short interval, the patient receives another more thorough physical and mental examination, after which the case is written up by the stenographer, and presented by the physician in charge to the entire staff. In all doubtful cases, specific tests are made of blood and spinal fluid.

CORONER'S INQUESTS.

There were several sudden deaths or deaths in which according to law, a coroner's investigation was indicated. The following is a list of such cases:

Jas. Ray—13721—January 28, 1915, shock and hemorrhage from wound in neck, self inflicted.

Mary Byrne—977—April 20, 1915, chronic myocarditis.

Louis Jensen—13911—April 26, 1915, suicide by cutting throat with razor.

Stanislaw Gabriz—13333—May 12, 1915, traumatic subdural hemorrhage.

Chas. Skoog—14035—May 17, 1915, asphyxiation by drowning in a ditch.

Michael Schmidt—4747—June 7, 1915, broncho pneumonia.

Harry Strang—6398—October 6, 1915, tuberculosis and epilepsy.

Ella T. Hagerty—3147—October 10, 1915, peritonitis and intestinal obstruction caused by adhesions.

Lizzie Leight—9186—October 10, 1915, general paralysis of insane.

F. M. Kane—14667—October 16, 1915, chronic myocarditis, hypostatic congestion of lungs.

Okimara Yuzukaro—14804—Nov. 11, 1915, strangulation by hanging.

Matthew Stephen—14888—November 25, 1915, strangulated hernia, intestinal obstruction, acute peritonitis, senile arterio sclerosis.

Leonard Noll—14179—January 13, 1916, general paralysis of insane, following external violence, congestion of lungs, arterio sclerosis.

Chas. Rath—13262—January 16, 1916, shock and hemorrhage received jumping from roof of hospital with suicidal intent.

Veronica Schmidt—15205—February 24, 1916, erysipelas due to infection of scalp wound.

Edward Wiefels—15193—April 3, 1916, strangulation by hanging.

Piccardo Petri—15573—April 29, 1916, general paralysis of insane.

Paul M. Prescher—12958—August 22, 1916, asphyxiation by drowning.

Jno. Patterson—15950—September 24, 1916, chronic myocarditis, arterio sclerosis.

Frank Krucziek—15186—September 26, 1916, suicide, strangulation with a shoe lace twisted with a spoon.

THE CARE OF THE PHYSICALLY SICK.

This hospital sets aside nearly 400 beds for the care of those who are physically ill. The hospital building proper has 252 beds. (144 for men and 108 for women). Besides this, cottage C W 17 with 74 beds is used as a men's infirmary. This hospital has a large number of infirm patients because of its location and peculiar environment. Not

a week passes without a number of new cases being brought in on stretchers. A considerable percentage of such cases live but a few days after reaching here, as at the time of their admission, they have already entered the final struggle of their fatal disease. This fact accounts for the comparatively high death rate of our hospital.

All wards set aside for the special treatment of the infirm and sick, are under the direct supervision of capable graduate nurses. The hospital building has an assignment of two physicians, one for each sex. These physicians have their headquarters in the hospital and can be found there practically at all times during duty hours.

The general equipment of the hospital wards and infirmary is such that everything necessary for the care of the physically sick is readily available.

THE SURGICAL WORK.

The necessary major surgical treatment of patients is systematically done two forenoons a week. (Mondays and Saturdays are set aside for major work, except the emergencies.) Surgical operations are performed for the same specific reasons as they are performed in the case of the sane, namely, for physical conditions.

No promise is ever made that a surgical operation will cure insanity. The families of the patients are frankly told that an insane person is entitled to the same consideration, when it comes to bodily ills, as is the sane. Very little, if any, difficulty is met in obtaining the consent for operation from the friends of the patient.

We believe that much good can be done by proper surgical measures in well selected cases. There is no doubt that after all, the chief treatment for the insane means the treatment of their bodies, using this term in its broadest sense. If we can render their physical condition as healthful and free of pain as possible, we are doing, not alone a humanitarian and kindly act, but also giving nature a better chance to do what it can toward the restoration of the mental and nervous equilibrium. Unfortunately, there are still some among the medical profession, who have the erroneous idea that surgery will actually cure many mental disorders. It is true a number of patients go home, apparently recovered mentally, after they were subjected to surgical operation for some special physical defect. This, however, is no proof that the operation cured the mental trouble. We well know that many patients recover from their mental attack without any treatment whatsoever, and it is more than likely that the surgical cases, just mentioned, would have eventually recovered. Possibly, however, their recovery would have been delayed. We must concede that painful conditions, drains on the system, etc., necessarily act as irritants to the nervous system. The removal of such irritants should, everything else being equal, have beneficial influence upon the mind.

The surgical work in the Chicago State Hospital is done by our own staff, the assistant superintendent acting as chief surgeon.

Within the past five or six months, we have fitted up a special dressing room for all surgical cases that are not aseptic. In this room an average of fifty to sixty dressings are done each day. Our general

operating room is now used only for clean cases. We realize that by having these two rooms, much danger of infecting clean cases is avoided. The work of the past six months proves this to be true as out of sixty or more clean major operations, all recovered with healing by first intention.

The records show that during the period of October 1, 1914, to October 1, 1916, ninety-three operations, of more or less major importance were done. As follows:

Hernia	20
Gall stones	6
Goiter	1
Perineorrhaphy	17
Laparotomy	4
Rectal fistula	2
Skull fracture	1
Amputation of breast.....	5
Appendicectomy	1
Cervical glands	2
Tonsillectomy	5
Appendicitis, chronic	6
Appendicitis, acute	2
Cholecystostomy for gall bladder infection.....	2
Exploratory incision for tumor of neck.....	1
Trachelorrhaphy	3
Abscess, pelvic	1
Amputation of cervix uteri.....	2
Oophorectomy	3
Shortening round ligaments.....	4
Hemorrhoids	2
Large ovarian cyst.....	1
Salpingectomy	1
Tubercular glands of the groin.....	1

LABORATORY REPORT.

The following examinations have been made in the laboratory during this biennial period:

Spinal fluids	875	Milk examinations	100
Blood—		Excretions—	
Red count	25	Vaginal discharge	50
White count	150	Feces	25
Differential	150	Sputum	250

Stomach analysis done in few isolated cases when diagnosis was not clear.

Urine examinations done as routine on every admission to the hospital.

Bacteriological examination for various parasitic micro-organisms in blood.

DENTAL REPORT.

Dr. T. J. Denny was transferred to Anna State Hospital April 1, 1915. Dr. Wm. H. Watts was appointed as Dentist in place of Dr. Denny, May 24, 1915, and continues in the service.

Within the last two years, new instruments, instrument cabinet, electric sterilizer and an electric engine have been added to the equipment, which adds materially to the service.

Within a few days after received, each patient is examined and a descriptive diagram is filed with his history. A record is also kept in the dentist's office of each individual operation.

Below is a tabulation of work done since the last biennial report:

Examined (newly received).....	2,136
Filled (amalgam cement, gold and porcelain).....	808
Treatments	1,792
Scalings	425
Extractions	1,385
Plates prescribed	378
Plates made	34
Crowns	23
Bridges	12
Lanced abscesses	58
Root canal fillings.....	194

NURSING FORCE.

There have been no changes to speak of in this department since last biennial. I am sorry to say that the ward conditions under the short hours, are not what I expected. The chief nurse and all of the supervisors report that the care of patients and housekeeping conditions are not as good now as they were under the long hours. Our nurses home, finished during this biennial, has greatly improved the living quarters for nurses and attendants.

There were five graduates from our training school in 1915, and in 1916, sixteen, the latter being the largest class that has graduated from this hospital, under State management.

It is with regret I announce that during this biennium the following members of our nursing staff have died: Margaret Dean, Annie Milliken and Anna Deerhake.

OCCUPATION AND AMUSEMENT OF PATIENTS.

Out of our 3,400 population, about 50 per cent are occupied in the different shops and departments. They are engaged in such work as ward work, in the kitchen, butcher shop, store room, baker, sewing room, industrial shop, fancy work department, and I might say in almost every vocation of life. This number I hope will be increased when we have better facilities and more room for our different work shops. One hindrance is the labor unions, which I believe is not right, for whenever any of these unfortunate people have a desire to work at anything, they should be allowed to do so, no matter what line of work it may be. This would not be done to save the State money, but from a purely therapeutic standpoint.

Many trustworthy patients who are not physically able for employment, have ground party parole. This method of paroling a number of patients in parties of two or more, is a great success. It has seemed that patients paroled in parties, keep themselves within the limit of our premises, and when one oversteps his bounds, the rest remind him of his obligations.

Patients' dances are given weekly in the fall, winter and spring seasons, and occasional picture shows. Weekly picture shows during the summer season. From time to time parties are given on the wards. Our Fourth of July are usually gorgeous celebrations, and thousands of relatives and friends visit the patients. The day is spent with games and contests of skill and strength, speech-making, ball game, music by an orchestra and a picnic lunch.

On Sundays, mass is held in the mornings for Catholics, and services in the afternoons for Protestants.

Entertainments given by the Jewish Aid Society are highly appreciated. Mrs. Wolf and Mrs. Ellison who have managed these entertainments for years, continue to do so, and I hope they will continue to do so far years to come. At every entertainment, innumerable delicacies are distributed to the patients, for which in behalf of the State, I wish to extend my sincere gratitude. Great assistance is given us by the Bureau of Personal Service (a Hebrew Charitable Association) which is represented at this institution by Miss Hannah Shulman. No Jewish patients are paroled until after the home conditions are looked into by this society. Others should take notice.

There are a number of other societies who help us a great deal, among them being the United Charities of Chicago, and the Illinois Society for Mental Hygiene represented by Miss Staymate.

MEN'S INDUSTRIAL DEPARTMENT.

This department was established in December, 1914, with a view of affording useful and interesting occupation to such of our patients, who heretofore have had to sit around on their wards with nothing to hold their attention or direct them but their own thoughts, which as a rule are anything but cheerful.

Education and re-education along diversified industrial lines has become a recognized necessity in the modern treatment of the insane, and keeping this in mind, the work in this department has always been carried on with a therapeutic end in view.

The department though still in embryo because of insufficient working space and lack of other facilities, has become a boon to many of our patients, and not a few have left the institution and returned to the community greatly improved mentally and physically because of the stimulus gained through proper occupation.

We endeavor to teach them the fundamentals of various occupations so that when pronounced cured, the patient leaves us invariably a better and more useful man to the commonwealth.

The work consists of cabinet making, furniture repairing, window shade making and repairing, chair caning, rug weaving, brush-making, clay modeling, ornamental plaster casting, and the making of garden statuary of cement.

Following is a list of the work accomplished so far. A glance will reveal its economic value as well as the therapeutic—

New furniture made:

1 roll top desk.	20 medicine cabinets.
1 "Old American" style desk.	9 piano lamps.
1 Mission style desk.	6 portable table lamps.
6 library tables.	1 folding table.
1 show case for art work.	2 magazine racks.
1 bird's-eye maple chest.	8 pair art candlesticks.

Other work as follows:

4 large-sized flower pots, cement.	1,500 fly swatters made.
10 lions, modeled and cast, cement.	840 yards of rug carpet woven.
14 sets of ornamental book-ends, cement.	382 dozen of scrub brushes made.
45 smaller objects of various descriptions, cement.	30 dozen floor brushes made.
2,317 window shades repaired.	266 chairs repaired.
215 squeezers repaired.	37 tables repaired.
238 handles put in scrub brushes.	21 barber chairs repaired.
	9 benches repaired.
	18 carpet sweepers repaired.
	32 chairs re-caned.

In anticipation of larger quarters and better facilities in the near future, and because of the ever increasing population of the institution, it would be advisable and very desirable to start several new industries, and through these give diversified occupation which will be of great therapeutic value.

FEMALE INDUSTRIAL DEPARTMENT.

The main object of this department is to improve the mentality of the patients rather than make it a financial source, although the income from the sales has more than paid for materials used.

Through the means of applying a patient's thought and energy on such employment as embroidery, weaving, etc., wonderful results have been obtained in the improvement of patients both mentally and physically. It is the aim to study each individual case carefully and apply such work as is suitable for the present condition and gradually change to a different kind as the patient improves, thus breaking the monotony of one special line of employment. Different types of patients are received in this department, some show no interest at all in their surroundings, while others are very excitable. Both these extremes have been helped through the medium of employment. Those who have absolutely no interest in anything about them, having been placed on a ward where others are occupied with the various lines of fancy work, have gradually become interested in the work about them and have become the best workers, improving mentally as they became busier. Those who have been very excitable and nervous have gradually quieted down as their interest in the work about them has increased and finally have become normal or very nearly so. An effort is made to impress upon the separate patients that the work is given them as a special privilege and enjoyment, and through this understanding they become more interested, and are always anxious to improve and learn something new. In teaching the patients something that they have not been accustomed to doing, their interest is kept alive. On the other hand, there are chronic patients, violent at times, who are supplied with work on their own ward to keep them occupied. This helps to keep their nerves quiet,

diverting their energy, which would, otherwise, be expended in destroying articles about them or attempting to injure other patients.

While the work that these patients have done has been a better tonic for their nerves probably than any medicine could be, yet it seems that they should be provided with some special mode of entertainment as an inducement, which, with the means at hand, has been impossible.

At the present time there are approximately one hundred fifty female patients employed at various kinds of fancy work, while during this last biennial period, there have been at least five hundred patients at different times. Three looms for fancy weaving have in the last two years produced the following:

60 yards dress goods.	200 yards fancy material used for
80 yards curtain material.	bedspreads, scarfs, pillow tops
100 yards fancy carpet.	and other articles.

Together with the above mentioned, the following articles have been made: Six bedspreads, table runners, towels, dresser scarfs, doilies, centerpieces, pillow tops, pillow slips, corset covers, handkerchiefs and other articles too numerous to mention. The institution has been supplied with table scarfs, centerpieces, pillow tops, etc., thus adding a homelike touch to the wards.

In October, 1914, an exhibition of fancy work from the various charitable institutions of the State, was held at LaSalle, Ill. The display from this hospital consisted of a greater variety than those of other institutions and was given first honors.

This branch of the industrial service has become so well known that the demand from the outside is much greater than the supply.

THE LAUNDRY.

Suffice it to say that as in many other of our shops, the laundry is too small, owing perchance to lack of power, because of which the new machinery which should be installed is sadly needed. The amount of work performed is immense considering the facilities for doing it. There is a constant breaking of machinery whether in the engine room or laundry, causing cessation of activities for days at a time.

THE MATTRESS SHOP.

During the biennial period covered by this report the mattress maker turned out 3,842 mattresses and 1,160 pillows besides fixing chairs in considerable numbers, even though there was a period of three months in which he was not on duty. The greater portion of these mattresses were remade. That is to say that mattresses from the wards were opened, the moss picked over, sunned and aired, the ticks washed, patched and refilled, going back to service again as good as new. This is the result of good moss only being used.

THE STOREROOM.

Who has ever considered that through the commissary department or storeroom of an institution such as this, there passes in the course of a year supplies aggregating \$200,000. There is usually a stock on hand

valued at approximately \$35,000. This amount is made up of items including everything imaginable—a variety of materials and supplies needed in every walk of life. In another place we have referred to our lack of cold storage facilities. Foods and perishable supplies can be held in small quantities only, with the constant fear of being some day without food of a particular kind. During the past two years, even with our poor facilities, not one pound of material of any kind has been spoiled or wasted. The capacity of the storeroom has been increasing by the addition of extra shelving.

THE SHOE SHOP.

The shoe repair department while though not the most ostentatious is without a doubt the most highly economic we have. The shoe maker in charge usually has but one or two patients assisting him, yet innumerable pairs of shoes are repaired, and a large outlay for new ones is thus averted. Quarters are entirely too small.

THE TAILOR SHOP.

We are seriously handicapped in this department owing to the small space available, consequently crowded quarters tending to make surroundings disagreeable to patients, who assist our regular tailor. As a result we are able to hold on an average of one or two patients a day to assist in the large volume of work that should necessarily be accomplished. There further follows from this fact inability to do much other than mend. The amount of new goods made is small when we consider what might be accomplished with commodious quarters. We have hopes of larger quarters in the old amusement hall as soon as the new amusement hall is finished, and expect to increase our working capacity to a good extent.

SEWING ROOM.

The report of work accomplished in this department can only be gleaned from the quantities of the various articles made. This is shown on the list below but it must also be realized that efficiency of this department is largely increased by the use of what might be termed "the by-products." There is scarcely a scrap material of any kind that is not utilized, for instance cuttings and remnants from bathrobe material are used to line mits made from the cuttings of calico, denim, etc. Slippers are also made from similar material and lined with muslin scraps, mits for bake shop employees are made during the entire year from pieces of the various fabrics used in this department.

While we have an average of eighteen patients employed in this department daily, double that number might be used advantageously would space admit. The same complaint, as to space made in the shoe shop, tailor shop, and others, applies equally here.

The following list of materials and quantities will give an idea of the work accomplished:

WORK PERFORMED IN SEWING ROOM.

Patients' sheets	15,872	Burial sheets	702
Patients' dresses	7,503	Surgical gowns	237
Towels	15,130	Kitchen aprons	700
Pillow cases	11,341	Officers' sheets, double.....	308
Men's shirts	8,008	Attendants' sheets	710
Petticoats	4,131	Kimonas	149
Table cloths (Ill.).....	911	Oil cloth aprons.....	42
Patients' aprons	8,030	Table pads	16
Swiss curtains	1,388	Knee pads	24
Chemise	1,015	Canvas quilts	15
Screen covers	261	Bed pads	23
Women's drawers	90	Radiator covers	14
Dining room aprons.....	111	Muslin table covers.....	9
Butcher's aprons	570	Cotton flannel waists.....	81
Bathrobes	72	Hot water bottle covers.....	12
Pajamas suits	923	Pneumonia jackets	12
Ticking aprons	174	Druggist's aprons	12
Laundry bags	12	Gingham aprons	14
Damask table cloths.....	37	Abdominal bands	12
Damask napkins, dozen.....	17	Sample bags	108
Plain napkins, dozen.....	11	Canvas stretcher cots.....	2
Coffee bags	228	Brush cloths	50
Women's night gowns.....	3,002	Princess slips	10
Men's night shirts.....	702	Pillow tops	200
Attendants' dresses	479	Baby dresses	52
Attendants' aprons	701	Baby bands	60
Attendants' collars	1,147	Baby petticoats	210
Attendants' bibs	800	Baby night gowns.....	24
Attendants' cuffs	850	Baby napkins	20
Attendants' caps	200		

The items comprising nurses' uniforms and parts, are no longer made in the institution. The entire output of new ticks and pillows used by the mattressmaker are put together in the sewing room. Furthermore all mending of aprons, tablecloths, bedspreads, carpets, etc., also all gloves used by the baker's helpers in handling the hot bread pans are made here. Flour bags are cut and hemmed for dish towels for wards and general dining room.

FIRE DEPARTMENT.

The prompt and highly valuable services in combating fire as rendered by the Dunning fire department since date of last report is highly satisfactory and justly commendable.

The most serious conflagrations which the institution has experienced within the past eighteen months can be summed up as follows: On April 13, 1915, a fire which started in the old annex building did serious damage, the roof of the west wing being entirely consumed. The prompt and efficient work of our firemen upon this occasion was all that could be desired. On October 16, 1916, two barns attached to the Farm Ward building were completely destroyed by a fire which was fanned by a hurricane wind blowing from a northerly direction, giving it a most dangerous aspect. A number of horses kept in one of these buildnigs were rescued, notwithstanding the existing difficulties and dangers. Through the strenuous and praiseworthy exertion and valuable service rendered upon this occasion by our fire department, it can be stated un-

doubtedly that much valuable property in close proximity to this blaze was saved from destruction. Investigation into the cause of these two fires gave foundation for the belief that a spark from the pipe or cigarette of a careless smoker had started them. Subsequently a patient caught setting another fire, admitted being the perpetrator of the barn fire.

The practical equipment and general efficiency of the Dunning fire department are constantly progressing. Our weekly scheduled fire drills occurring on Tuesday and Friday of each week are strictly maintained and established days for the personal instruction of all members of our department and all detail work connected with their positions are strictly adhered to. This practical training it has been shown is highly beneficial to the members and also the general practical development of the department as a whole.

A few fires of minor importance occurred in which the prompt arrival of our firemen upon the scene in each case removed all danger and quelled excitement immediately.

THE FARM.

The small acreage proved equal to large areas in the fall of 1916. The yield was large of all crops. Besides supplying other institutions with beets, carrots, cabbage and sauerkraut, the potato crop was sufficient to supply ourselves until late in the spring of 1916. The following list will give an idea of the bountiful crops reaped in 1915. The yield for 1916, however, was not so abundant, still our supply of beets, carrots and onions is more than will be needed for our own use.

An important item in connection with the farm is the pork yield. During the past two years, the butcher shop received 67,476 pounds of pork. It is to be recorded with regret that the swine herd was visited in 1914 with a severe attack of hog cholera. In 1915, while we had a recurrence, it was not so severe, being anticipated to a great degree.

PRODUCTS.

Pickled green beans, barrels..	32	Parsnips, bushels	1,800
Green peas, boxes.....	64	Potatoes, bushels	5,600
Swisschard, tubs	1,250	Onions, bushels	3,200
Beans, bushels	400	Rhubarb, pounds	30,000
Pumpkins	4,000	Strawberries, quarts	14,000
Raishes, bunches	4,800	Melons, dozen	83
Lettuce, cases	5,000	Pickled swisschard, barrels...	75
Turnips, bushels	650	Gooseberries, quarts	2,400
Currants, quarts	3,800	Ducks raised	400
Carrots, bushels	3,200	Chickens raised	800
Kollrabo, bushels	1,000	Eggs produced, dozen.....	1,000
Sweet corn, dozens.....	5,500		
Tomatoes canned, gallons....	9,300		
Tomatoes, boxes	12,000		
Grapes, tons	8		
Cabbage, head	150,000		
Kraut, bbls.	300		
Rutabagoes, bushels	1,200		
Squash	30,000		
Beets—			
bushels	1,800		
bunches	544		

TRANSFERRED TO OTHER INSTITUTIONS.

Onions, bushels	550
Sauerkraut ,barrels	55
Beets, bushels	200
Turnips, bushels	200
Parsnips, bushels	175
Carrots, bushels	355
Cabbage, heads	4,500



Power house.

MATERIAL PRESERVED OR JELLIED.

Strawberries, gallon	970
Currant preserves, gallon....	150
Gooseberries, gallon	200
Grape jam, gallon.....	1,190

Green grape jell, gallon.....	175
Pumpkin butter, gallon.....	130
Green grape jell, quarts.....	50
Red raspberry jell, quarts....	35
Black raspberry jell, quarts..	90

The greenhouse in connection with the farm furnished the officers table with the following delicacies during the winters of 1914 and 1915:

Lettuce, cases	1,210
Parsley, bunches	175
Chives, bunches	225
Onions, bunches	5,500
Radishes, bunches	1,400
Asparagus, bunches	115

LIVE STOCK.

Pigs	225
Horses	16
Cow	1
Yearling heifer	1

VEGETABLES SOLD IN OPEN MARKET.

Field corn, bushels.....	700	Parsnips, 26¾ tons.....	\$307 48
Alfalfa hay, tons.....	15	Beets, 34¾ tons.....	413 55
Millet hay, tons.....	4	Carrots, 35¾ tons.....	429 75
Timothy hay, tons.....	8	Sweet corn, 650 dozen....	47 75
Corn fodder, tons.....	15	Total	\$1,198 53

Considering that we have only 110 acres under cultivation, from the above tables, can be seen that our crops have been bountiful.

NEW CONSTRUCTION, REPAIRS AND IMPROVEMENTS BY CONTRACT.

The appropriations for the biennial period covered by this report are as follows:

TABLE NO. 1.

Item.	Asked for	Allowed.
Ordinary repair and improvement.....	1915 \$50,000 00	1915 \$53,790 00
Ordinary repair and improvement of grounds.....	1916 60 000 00	1916 53,515 00
	1915 5,000 00	1915 3,423 00
	1916 5,000 00	1916 3,405 00
Kitchen, bakery and dining room service.....	65,000 00	65,000 00
Amusement hall.....	45,000 00	45,000 00
Entrance to grounds.....	2,000 00	2,000 00
Paving Irving Park Boulevard.....	12,000 00	12,000 00

In the following pages we will endeavor to show the manner in which the appropriations were used, and the judicious if not stringent economy practiced to make every dollar go as far as possible.

CONTRACT OR SEMI-CONTRACT WORK.

Fences.—Approximately 10,000 feet of fence was erected around the institution grounds at a cost of \$8,027.90. In addition to the institution boundary fence, the sum of \$85.40 was expended for gates and posts for a hog fence and \$489 was spent for 1,252 feet of ornamental woven wire and iron post fence for the cemetery.

Roofs.—For the sum of \$4,840, the Advance Roofing and Sheet Metal Works reroofed the following buildings: C W 1, C W 2, C W 3,

C W 4, C W 5, C W 6, fire hall, amusement hall, laundry and soap house, and the rear wing of the old main building.

The roofs are all 5 ply composition felt and gravel construction, guaranteed for 10 years and they have effectually stopped the many leaks that formerly gave us continual annoyance and trouble. This same company also repaired all slate and tile roofs, using new slate and tile where replacements were necessary on main building, hospital and D W building.

Painting.—For the sum of \$1,685 J. Bobbe and Company of Chicago repainted and decorated the interiors of C W 6 and C W 10 and 11 according to specifications prepared for this work by our chief engineer. The walls were thoroughly washed and all kalcomine removed, after which several coats of high grade paint in soft harmonious colors were applied. Woodwork in C W 10 and 11 was stained and varnished—best grade of spar being used for all work such as stairs and base boards liable to be exposed to water. Radiators, etc. were finished in bronze, iron work in dead black.

Plumbing.—The convalescent wards, hospital surgical rooms and farm cottage have had installed new, modern, sanitary fixtures by Barrett and McCall for \$4,175. Their contract also included a re-inforced concrete floor in the surgical department of the hospital, the top finish of which is smooth, sanitary, monolithic terrazzo, admirably suited for such service.

Sewers.—About \$3,000 was spent for new sewers during the past two years, not taking into consideration the work mentioned elsewhere and done by the State's force of workmen. Sewers of proper size and pitch were built connecting each of the new buildings with the main sewer, and the proper manholes and catch basins were installed. In addition to this work, the main sewer connecting with the north side of the grounds was abandoned and about 340 feet of new 24 inch sewer constructed. Old septic-tanks in the rear of C W 18 were filled up. The above work was done by the firm of Jones and Jacoby, on a percentage basis.

Tunnels.—The firm of Giblin, Peterson and Screen constructed for us a complete system of tunnels (without piping, etc.) for the sum of \$38,587.63. Route of tunnels is as follows: From new power house east about 225 feet, size 6 feet 4 inches high by 8 feet wide—from this point east about 250 feet where it joins old tunnel extending toward the north, size of this branch 8 feet 4 inches high, 6 feet wide. From a point near the drug store, a branch 6 feet 4 inches high by 4 feet 6 inches wide runs in a southerly direction past the laundry, greenhouse, between the nurses' home and C W 17, between C W 15 and C W 16 to a point about 100 feet in front of (south) C W 15. This tunnel is about 1,000 feet long. From this point the tunnel decreases in size to 6 feet 4 inches high by 4 feet wide and runs in an easterly direction almost 700 feet to a point south east of C W 18. From this point it again decreases in size to about 5 feet 3 inches high by 4 feet wide and runs north in the rear of C W 18, a distance of 400 feet. At the end of this run, a branch 5 feet 3 inches high and 3 feet wide runs in an easterly direction to C W 19.

The above described tunnel is connected to each of the following named buildings by small lateral tunnels about $2\frac{1}{2}$ by 4 feet.

Drug store and store room.	C W 14.
Green house.	Morgue.
Laundry.	Auxiliary power plant.
Nurses' home.	Hospital.
C W 17.	C W 18.
C W 15.	C W 19.
C W 16.	Administration Building.
C W 13.	

Altogether there are about 3,800 lineal feet of main and lateral tunnels. Tunnels are all rigidly constructed of water proofed, re-inforced concrete with smooth finished walls and floors. Drains are put in floors every hundred feet and glazed light shafts every 200 to 300 feet.

Concrete Driveway and Sidewalks.—The new entrance to the Administration Building is practically completed. A 6 feet concrete sidewalk from the corner of Sixty-fourth Avenue to it along Irving Park Boulevard and an ornamental concrete driveway from it to the Administration Building door were constructed by J. J. Croake of Chicago for the sum of \$2,543. This driveway was designed by Mr. Sutter, State Superintendent of Construction, and is very pleasing in outline and appearance. The main drive is 30 feet wide with combination curb and gutter and a 6 foot sidewalk along either side; as it nears the Administration Building it broadens to form a 68 foot circle with entrance to lateral drives on either side and three rounded steps and broad walk leading to the front door. On either side of the steps is a sanitary white enamel drinking fountain and terrace for flower vases. The actual construction of this driveway followed the specifications of the State Highway Commission exactly.

Fountain.—In the center of the circular drive is placed an ornamental bronze finished fountain, 11 feet 5 inches in diameter at the base and about 10 feet high. This was purchased from The J. L. Mott Iron Works for \$619, and was erected and assembled by the mechanics of the institution.

Gate Lodge.—The Legislature of 1913 appropriated \$2,000 for an entrance to the grounds. State Architect, Jas. B. Dibelka's estimate for a gate and entrance lodge of simple architecture and designed to match the work in the Administration Building was \$3,500. However, plans and specifications were prepared by him but no contract was let for the reason that the lowest bid was about \$3,400.

As the gate and lodge were urgently needed, the firm of Mehnke and Thielberg were awarded a contract on the following basis:

For the sum of \$2,758, they furnished all mason work (omitting part of the cut stone and substituting either white brick or concrete) and all the iron work.

The institution furnished all excavating, footings and foundations, electrical work, carpenter work, plumbing and sewer work, plastering and painting.

As a result we have an entrance which though small compares very favorably with any in the State.

Watermain Extension.—The firm of Jones and Jacoby have installed on a percentage basis, water mains connecting all new buildings, consisting of cast iron Class "D"-mains, Mueller Pressure regulators and galvanized iron service lines; also six fire hydrants.

For the sum of \$7,168 the above mentioned firm completed the following work in connection with the new power plant, according to plans and specifications drawn up by our chief engineer. 10 inch-Class "C" suction main connecting new house pumps with city water main. Ten inch-Class "D" cast iron flanged, 8 inch steel and 6 inch steel discharge lines in tunnels connect with present domestic and fire service lines. Combined suction and supply lines with necessary float-valves, foot valves and pressure regulators in two reservoirs.

Heating and Steamfitting Work.—A complete Van Auken 2-pipe vacuum heating system was installed in C W 5 including all necessary low-pressure radiation, guards, covering, by A. Kilander and Company, the contract amount being \$2,277. This has enabled us to use exhaust steam for heating this building which means a large saving each year.

The same firm for a consideration of \$6,163, furnished and installed piping in tunnels connecting the new power plant with the lines leading north from the old main plant. This work consists of 16 inch and 14 inch exhaust heating main with the necessary supports, fittings, valves and expansion joints; a 5 inch vacuum return line; a 5 inch high pressure steam line and 2½ inch high pressure return line. Plans and specifications for this work were prepared by Martin C. Schwab, consulting engineer, with the assistance of our chief engineer.

New Power Plant.—The new plant is located very centrally just west of the present commissary and near the C., M. & St. P. R. R. tracks. The building is about 151 feet by 91 feet over all, consisting of one story engine room 120 by 40 feet on the south side and 120 by 50 feet two story boiler room occupying the entire north side with basement under entire building from 10 feet to 12 feet in height. The building was constructed by the Schillinger Construction Co. of Chicago for \$57,067. Arising from four piers about in the center of the building, is a hollow radial brick and tile stack—10 feet in diameter inside and 225 feet high. This stack, probably the finest in the State, was constructed by the Heine Chimney Co. of Chicago for \$7,658. The engines are of the most up to date economical type built, being known as the una-flow, poppet valve, high speed type. Three engines have been installed; the largest has a cylinder 21 by 25 inches and should develop close to 300 horsepower; the other two are 19 inches by 24 inches and 14 inches by 17 inches respectively. They are guaranteed to consume not over 19 pounds of steam per horsepower hour. Engines were furnished by the Chuse Engine and Mfg. Co. of Mattoon, Illinois, the contract price being \$15,479.97. Generators are of the 240 volt, 3-phase A. C. type and were furnished by the Western Electric Co. for \$7,879. This includes, a Curtis, turbine driven exciter and a motor driven exciter. The contract for power house plumbing was let to the firm of C. Albin Nilson for \$2,507, which includes all sewers, storm water connections, two automatic sump pumps in the lowest part of the basement and a toilet room for

employees and patients. The E. Keeler Co. of Williamsport, Pa., for a consideration of \$37,217.50 furnished and installed four 400 horsepower boilers and two 300 horsepower boilers of the horizontal water tube type to carry a working pressure of 150 pounds. Each boiler is equipped with an "Illinois" traveling chain grate stoker and a "Vulcan" soot blower also "Foster" non-return or automatic cut-out header valve, safety water columns and illuminated dial steam gauges. Smoke flues, dampers, etc., were furnished by the Lasker Iron Works. The contract for piping and accessories was let to A. Kilander and Co. for \$23,383. This included the following:

All steam and exhaust lines, hot and cold water lines, two house pumps, two boiler feed pumps and two transfer pumps, feed water heater, high pressure and low pressure return tank, receiver tank, two domestic water heaters, and all accessories used in connection with same. All piping, heaters, etc., are being covered with sponge-felted asbestos or 85 per cent Magnesia.

Coal and ash handling machinery was installed by the Gifford-Wood Co. of Chicago, contract price \$8,496. Coal will hereafter be received in hopper bottom cars; dumped into the coal pocket in the west extension of the building. Here it will run through a motor driven crusher, oscillating sorter and feeder and drop into the bucket and chain type conveyor. Thence it will be carried to the bunkers on the second floor of the boiler room, which are large enough to hold from 36 to 48 hours supply. Stokers are fed by gravity chutes from these bunkers. Ashes are dumped automatically by the chain grates into individual ash hoppers beneath each boiler. From here they will be raked into the conveyor and carried to an overhead ash hopper in the west extension of the building—from which they can be fed to empty coal cars or to other conveyances as the occasion may demand. One little device worthy of mention is a chute and hopper for the fine coal that drops through the grates. By using this chute, the coal droppings can be fed to the conveyor and carried back into the coal bunkers or to the ash hopper as desired.

Henry Newgard Co. furnished all electric light and power wiring, fixtures switches, etc. (not including switchboard and accessories) for \$2,898.

OTHER CONTRACTS.

Dumb Waiters.—In the new Administration Building the Webster Engineering Co. of Chicago, have installed two electrically operated dumb waiters or food elevators for the sum of \$1,165.

Laundry Machinery.—The sum of \$1,935 has been paid to the Troy Laundry Machinery Co. for eight cylinder washing machines delivered here and erected by our mechanics.

Telephone System.—The Chicago Telephone Co. has installed a completely renewed telephone system in our institution within the last year. All aerial wires and poles have been removed and the cables, lead covered and put in tunnels or conduit. A new two-position switch

board has been installed in a room on the second floor of the Administration Building, and new service heads have been placed where necessary.

Railroad Extension.—The C., M. & St. P. Ry. Co. have extended a track with the necessary switches, cross overs, etc., past the new power plant and have removed all their old track in the rear of the Administration Building and forming the Y formerly used for parking and turning their passenger trains and engines at this end of the run.

Amusement Hall.—A new amusement hall is now being erected on the site just west of the present hall and south of the Art Cottage; it is 62 feet wide and 133 feet long, one story in height, in keeping with the policy of safety first in case of fire. It will contain an elevated stage, balcony, picture-machine booth, the best of toilet facilities and sanitary features, being well lighted, heated and ventilated. The exterior is of red pressed brick and cut stone.

Following is a list of contractors who are building the hall:

C. E. Carson and Co., general contract for building.....	\$33,875
United Electrical Const. Co., wiring.....	1,395
H. P. Reger and Co., heating.....	1,700
Barrett & McCall, plumbing and sewerage.....	2,670

Kitchen and Bakery.—The firm of W. N. Allen and Son of Peoria, have been awarded the contract for a new kitchen and bakery for the sum of \$51,887, but work has not been started as yet.

REPAIRS AND IMPROVEMENTS BY INSTITUTION.

Our repair and improvement force has made many notable improvements notwithstanding the fact that we were obliged to practice the strictest economy.

The repair and improvement fund allowed for 1915 was \$53,790 and for 1916, was \$53,515. Out of these funds it was found necessary to pay for emergency repairs to annex after the fire of April, 1915, sidewalks and drives, fences, work on main gates and entrance, equipment in tunnels, and power house, as well as water main, etc. The reasons for shortage of money in this fund is the rise in the price of material, which has been much above the usual price. From the foregoing, you will readily understand that we were obliged to reduce our mechanical force for months at a time. Consequently the work turned out is not as extensive as it might be otherwise.

ENGINEERING DEPARTMENT.

The two old power plants are still in use owing to the unfinished condition of the new plant. However, the poorhouse boiler room is idle from June 1, to October 1 which means a saving of about 3,500 tons of mine run coal annually. Notwithstanding the fact that heat, light and hot water are now furnished for seven new buildings, our consumption of coal for 1915 was some 200 tons less than 1914. During the year ending July 1, 1916, we burned about 1,400 tons more than in 1915, but this was due to the unusually severe spring which remained raw and cold till well into the summer.

A total of 15,148.85 tons of screenings coal was purchased from the Power Coal Co. of Chicago at a contract price of \$1.74 per ton, on the 1915 contract. The same firm furnished 16,419.4 tons of coal at a price of \$1.64 per ton on the 1916 contract.

The total boiler capacity of both old plants today is 1,600 horsepower as against 2,600 horsepower four years ago, with about 1,100 horsepower in service at the present time.

Considerable work has been done in both old plants in the last two years. Two new Marsh American Vacuum Pumps 8 inch by 10 inch by 12 inch, were installed in the main plant and a Blake Knowles vacuum pump 10 inch by 12 inch by 12 inch was installed in the poorhouse boiler room. These pumps have enabled us to increase our vacuum from about 3 inches to 15 inches or better, giving a much better circulation of steam through the heating system.

NOTE.—One vacuum pump and the feed water heater have been recently removed from the main plant and erected in the new plant. This makes it necessary for us to carry a lower vacuum and use cold water for boiler feeding.

In July, 1915, a defective connecting rod bolt in the main engine, broke, causing the engine to be partially wrecked, breaking the frame, cross head, cylinder head, piston, etc. The Ox-weld Acetylene Co. re-welded the frame for \$220, using several hundred pounds of pure iron and doing a job which experts declare to be the best of its kind. At the same time Lammert and Mann of Chicago, replaced all broken parts and lined up the engine putting it in perfect running order for \$195.

In January, 1916, the ash drags in main boiler room after making more or less trouble for a year gave out completely. As a result three of the chain grates became clogged up with clinkers and were over heated. For a short time the entire north side of the institution was run on one boiler and a general freeze up was expected. The grates were put in order and openings or pits made at the side of each boiler for the removal of ashes and the institution was not crippled for more than 48 hours.

A new bronze governor bushing has recently been put in this engine by the same firm for \$66.46. The smaller engine has had a new connecting rod, oversized piston and wrist pin put in for about \$140. "Rhodes" Pat. Metallic packing has been put in refrigerating machine, brine pump, and hospital receiver pump. Bayer soot blowers have been put in four boilers in the main plant greatly facilitating the removal of soot. Since the big reduction in the consumption of oil made in 1913 and mentioned in our last report, we have made a further cut of several barrels per year. We are now using "Illinois" boiler compound and find it better than anything yet devised for removing scale from the boilers. Our boilers are now absolutely clean inside as the reports from the insurance company will show.

ELECTRICAL DEPARTMENT.

During the last two years, two electricians have been regularly employed. Much re-wiring has been done in the old buildings. all work being put into iron pipe conduit. Most of the old carbon filament lamps

have been replaced with the more efficient tungsten and nitrogen-filled lamps. The effect has been to reduce our lighting load about 50 per cent.

Single unit ceiling type fixtures have been installed in the entire hospital building. About 10,000 feet of new feeders and service lines have been run to light the seven new buildings and a lighting system has been installed in our new tunnels, wiring is in concealed conduit in the roof and outlets are provided every hundred feet.

Fire alarm and telephone lines have been entirely reconstructed and put in the tunnels or in vitrified 4-duct conduit buried in the ground. Nearly all the former unsightly poles have been removed from the grounds.

Temporary feeders have been run from the lighting unit lying idle in the powerhouse plant to all buildings on the south side of the grounds. In case of accident this unit now furnishes light for the buildings mentioned.

MECHANICAL DEPARTMENT.

The lower floor of the old amusement hall, never having been suitable for a ward, for which purpose it was used for many years, was vacated during the fall of 1915. After considerable alteration it has been converted into an office and supply room for the chief engineer, carpenter shop, machine shop and pipe shop. While not large enough for the purpose it nevertheless fills a long felt want.

A new 16 inch by 8 foot engine lathe of the latest improved design has been installed and greatly facilitates rapid and accurate work.

Nine pumps have been completely overhauled by the machinist during the past two years, guards to the number of several hundred have been removed from the windows, eight washing machines installed in laundry, many radiator guards made, two auto trucks have been kept in repair and several thousand iron beds have been mended or equipped with new spring fabric.

About 7,000 feet of porch guards have been replaced.

PAINTING.

During the greater part of the period covered by this report, only one painter has been employed, and he has devoted the major portion of his time to repair work. However, for a period of about six weeks during the fall of 1915, seven extra men were employed. They painted the entire exteriors of the store room, drug store and wards D W 1, D W 2, D W 3 and D W 4.

In April, 1915, fire damaged the second story of ward D W 6 at the Annex totally destroying the roof and the interior woodwork, as well as part of the exterior.

After this had been rebuilt, it was painted two coats outside and varnished, oiled, etc., inside. The entire interior of the hospital building has been re-painted as well as all officers rooms in the old main building, employees rooms over drug store and store room.

The walls and ceiling in the old main kitchen, vegetable rooms and general dining room have been washed and painted.

About 130,000 square feet of floors in new buildings and 12,000 feet in old buildings have been oiled and finished.

Many thousand pieces of furniture have been re-finished.

MASON AND PLASTERING WORK.

A plasterer is employed only about four months per year which time he devotes to repair work. Almost exclusively within the last year about 1,500 square yards of plaster has been repaired.

The mason who is employed about three-quarters of the time does brick laying, cement work and similar work. All boiler arches, bridge walls and side walls are repaired or renewed in the fall of each year to put them in shape for the winter.

Basement floors in the D W building and the old main building have been repaired about 1,000 square feet having been replaced. Windows in hog pen have all been bricked up and concrete floor and sills repaired.

Sewer tile conduit lines for steam and water pipes have been built from the poorhouse boiler room to the Annex, hospital and morgue, with the proper manholes for expansion joints, etc., total about 3,000 feet.

Seven thousand duct feet of electrical conduit have been laid.

At and near all the new buildings where the grade has been raised, all sewer and other manholes, catch basins, etc., have been raised to meet the new grade. Cleanout manholes have been built on the main sewer every 100 feet apart to facilitate easy cleaning of sewers. Seven new manholes also were built in electric conduit lines.

All old side walks have been repaired as much as possible and new ones built around the administration building with steps, landings, etc., and in front of C W 18, the men's receiving ward, a total of about 800 feet.

The foundation for the new gate lodge was built by our mason. Seven carloads of crushed stone, four carloads of sand and three hundred and fifty barrels of portland cement have been used in the past two years.

CARPENTRY DEPARTMENT.

Only four men have been regularly employed in this department and the next appropriation for repairs and improvements should be large enough to provide at least six men for this department as much needed work has been neglected.

The fire at the Annex in April, 1915, destroyed the entire upper story of D W 6. This was completely rebuilt by our carpenter in a remarkably short time. The carpenter shop has been moved to the first floor of the old amusement hall, and new benches, partitions, shelving, store room and lumber rack, besides chief engineer's office have been constructed.

Two more sets of shelving have been made for the store room, still further increasing its capacity. Forty thousand square feet of roofing have been used to cover the entire Annex and new roofs have been put over main boiler room and ice machine room. New hardwood floors

have been put in all toilet rooms at the annex, dining rooms and several dormitories in D W 1, 2, 3, and 4.

Doors and partitions have been put in the basement of the main building so same can be closed and patients kept out being an added precaution to prevent any possible fires.

Rolling awnings or curtains have been built for the screen porches of C W 5 and C W 6, which can be lowered at night to allow the porches to be used for sleeping purposes.

New two inch floors have been put in porches of D W 1, 2 and 4. Sashes are being quartered in several wards of the D W building, doing away with excessive breakage of large panes of glass.

Glass panels are being put in doors of side rooms in the same building to give more light in the dark center corridors used for day rooms.

About 350 new window screens and many new screen doors have been made, also some 2,000 or more old ones repaired.

One hundred seventy-five new pin tumbler lock sets have been purchased and about half of them have been put in outside ward doors. It is our aim to equip all such doors with modern fool-proof locks of this type.

We have built for the equipment of new buildings—26 tables 3 by 10 feet for dining rooms, 20 tables 4 by 4 feet and 14 of other sizes, 27 dish and supply cupboards, and over 100 bedside screens.

A power hand saw and foot-power mortiser have been purchased and erected in the carpenter shop.

PLUMBING DEPARTMENT.

In this department, two regular plumbers are employed and occasionally an extra man. As mentioned in our last report an enormous amount of water was being wasted at this institution when the State took control of it. The daily consumption was cut from 1,200,000 gallons to 450,000 gallons. The total population of the institution was then (September 20, 1914) about 3,100. This made the per capita consumption of water about 145 gallons.

To-day our total population is about 4,000 and the average daily water consumption is 440,000 gallons or 110 gallons per capita.

This economy is directly due to the efforts of the plumbing department to stop every possible waste.

Seat operating closets have been installed one by one to take the place of the old style which flushed automatically every minute or so. One-half inch and $\frac{5}{8}$ inch faucets are being used to replace the $\frac{3}{4}$ and 1 inch sizes and the self-closing style is furnished in most cases.

By far the largest waste of water is in the laundry but no further reduction can be made there until the new machinery is installed. Steam heated water heaters have been installed with the necessary pressure regulating valves, thermostatic temperature regulating valves, thermometers, etc., in the administration building, nurses home, C W 15, C W 16, and C W 18. The tank in the nurses home supplies C W 17, and the one in C W 18 supplies C W 19 with hot water.

An attendant's toilet room has been installed on each floor of C W 15 and C W 16. It was not intended to house attendants on these wards,

but owing to the decision that the nurses home should be for female nurses only, made it necessary to quarter about 32 male attendants or nurses in C W 15 and C W 16.

New fixtures have been installed in several toilet rooms at the Annex. Two enameled iron drinking fountains have been placed on either side of the front step platform at the administration building. Hot and cold water lines have been run to the new gate lodge and the fixtures are being roughed in now.

The big share of our plumbers' time, however, is taken up with the thousand and one emergency calls that come in at all hours of the day and night.

STEAMFITTING DEPARTMENT.

One steamfitter and helper are regularly employed during the summer months and an extra man is kept during the winter. Their work consists of the routine institution repairs and maintenance, but many additions and beneficial changes are made from time to time. Each summer the entire heating system is thoroughly overhauled and cleaned, valves packed, traps repaired and adjusted, etc., with the result that we have what we believe to be the most efficient vacuum heating system (in the buildings so equipped) in any state institution. We find no difficulty in maintaining a 15 inch vacuum when necessary. If the required amount of steam cannot be furnished for heating, the vacuum pumps are speeded up and the increased vacuum circulates the steam, at less than atmospheric pressure, to the radiators in the buildings at the extreme ends of the institution grounds.

As mentioned elsewhere a large Blake-Knowles vacuum pump 10 inches by 10 inches by 12 inches has been installed at the poorhouse power plant, this produces the vacuum for the annex, administration building, C W 13, C W 14, C W 15, C W 16, C W 17, Morgue and Nurses' home. Two 8 inch by 10 inch by 12 inch Marsh-American Vacuum Pumps have been installed in the old main power plant, to take the place of two 6 inch by 8 inch by 10 inch pumps which being too small, were transferred to other institutions.

At the time of our last report we had just started work on a 4 inch steam line and 2 inch return, in 15 inch conduit, connecting the poorhouse power plant with the annex, a distance of 1,500 feet. This was completed before winter (1914) and proved successful and economical in every way.

A temporary steam line has been run in the tunnels to connect the main plant with the following buildings in the summer months for heating water only: Hospital, Morgue, Administration Building, C W 13, C W 14, C W 15, C W 16, C W 17 and nurses home.

A connection has been made to C W 18 and C W 19 for providing heat and hot water all the year round.

For many years the exhaust from our ice machine engine was allowed to escape to the atmosphere. This has now been connected to the heating system through the proper oil extractor, etc., and proves sufficient to heat the entire storeroom, drug store and fire hall.

Other steam lines totalling about 900 feet have been run from the poorhouse plant, in conduit to C W 15, C W 16, C W 17 and the Nurses Home, Administration Building and hospital to supply heat and hot water during the winter months.

Material is at hand and work is being started on a 4 inch extra heavy line in the new tunnel to supply steam to the laundry, greenhouse and possibly the nurses home.

LOCKSMITH.

For many years the making of keys and the repairing of locks was entrusted to a faithful old patient, Peter May, by name, who was both skillful and trustworthy. In the spring of 1916, Mr. May died and it was deemed advisable to employ a paid mechanic to carry on the work. This is more of a task than the average person might be led to believe. There are over 600 locks in the new buildings alone and probably 1,500 locks in the entire institution.

SEWERMAN.

We have a man here whose duties consist of cleaning and repairing as well as building new sewers. This man is also an experienced millwright and steeple jack. He has constructed new sewers under C W 10 and 11, at the farm barn and slaughter house, hospital and new gate lodge.

The old paint shop and morgue were wrecked by him. Recently the brick stack at the poorhouse power plant was struck by lightning and about 5 feet of the brick work at the top loosened and the stack cracked for about 20 feet. Pieces were continually falling through the roof endangering the lives of workmen.

We endeavored to get outside contractors to tear down the upper five feet of the stack and remove an 800 pound iron coping from the top.

The lowest bid was \$350. Our sewerman offered to do the work for \$50. His bid was accepted and he performed the work in four hours. He and his men also do all heavy moving of machinery, etc., having erected and moved all the aztec heating tanks in the new buildings, new machinery, etc.

APPROPRIATIONS.

The following request for appropriations to provide for ordinary operating expenses, ordinary repair and improvement, ordinary care and improvement of grounds, as well as extraordinary repair and improvement, is respectfully submitted:

	1917	1918
Ordinary operating expenses.....	\$614,459 20	\$647,143 20
Ordinary repairs and improvements.....	61,004 16	58,279 16
Ordinary care and improvement of grounds.....	5,091 00	5,159 00

SPECIALS.

	1917 and 1918
For 2 cottages for tubercular insane.....	\$100,000 00
For 2 cottages for regular increase, one each year.....	100,000 00
Barn to replace 2 destroyed by fire.....	25,000 00
Attendants' dining room and passageway.....	25,000 00

	1917 and 1918
For 2 ovens for bakery.....	\$ 2,500 00
For tunnels to connect cottages (\$8,000 each year).....	16,000 00
For cold storage and ice plant.....	75,000 00
For warehouse for lumber, etc.....	3,000 00
For completion of present tunnel piping.....	23,000 00
For re-wiring entire institution.....	30,000 00
For vacuum heating system in hospital.....	6,000 00
For vacuum heating for cottage wards 1, 2, 3, and 4.....	10,000 00
For passenger elevator for hospital.....	4,000 00
Changing windows on C W 18 and C W 19.....	2,640 00
For repairing sills and new concrete foundation, annex.....	6,000 00
For new floor for laundry.....	1,500 00
Switchboard and wiring power plant.....	15,000 00
Vacuum cleaning machinery.....	1,500 00
Covering pipes in new tunnels.....	2,500 00
Crane hoist in new engine room.....	850 00
Hot water heater and meter for laundry.....	1,500 00
For 1,000 H. P. feed water heater.....	1,500 00
For connecting domestic water heater.....	10,000 00
For direct connected engine-driven exciter.....	850 00
For lands	100,000 00
For curbings and gutters.....	4,900 00
For new sewer outlet from 60th to 64th Ave. on Berteau,	
\$44,000.00 first year, \$12,000.00 second year.....	56,000 00
For sidewalks and drives.....	4,000 00
For lighting streets and grounds.....	5,000 00
For fire line to annex, hydrants, etc.....	2,700 00
For paving Irving Park Boulevard (reappropriation).....	12,000 00
Total	\$647,940 00

STRUCTURES AND IMPROVEMENTS.

Two cottages to take care of natural increase in population, figured at a low estimate, 200 per year, which has been the average increase for the past two years, and two cottages to care for male and female tubercular patients.

Cottages should be built, similar to our C W 17, with dining room, large linen and supply rooms, and porch, with basement under the center part. Complete with Van Auken vacuum heating system, and vacuum cleaning system. Strict attention should be given to the sanitary and ventilating systems, that the buildings can be kept clean and wholesome with plenty of fresh air and light.

Our experience has clearly proven that French windows with large glass and hinged upper sash are not at all suited to our conditions. It is desirable to use steel frames and double hung steel sash with glass not larger than 8 by 12 inches.

These cottages should also have broad deep porches running the full length of the dormitories. They should be screened and have canvas rolling awnings or patent shutters which can be rolled up during the day and unrolled at night so that the porches can be used for sleeping porches if necessary.

All locks should be keyed alike. Appropriations for four of these cottages should be \$200,000.

Our two barns were destroyed by fire and must be replaced. This should be of fireproof construction, and measure not less than 50 by 125 feet, and the architect estimates its cost \$25,000.

Employees' Dining Room.—The appropriation of 1914 of \$65,000 for a new kitchen, bakery and attendants' dining room, on account of much higher prices in labor and materials, was too small, and the dining room part had to be omitted, which is badly needed. For this dining room, an appropriation of \$25,000 is needed according to the architect's estimate. This also includes a passageway to connect the patient's dining room with kitchen.

Ovens for Bakery.—Also on account of shortage of money for the bakery and kitchen, two bakery ovens had to be omitted, and an appropriation of \$2,500 is required for this addition.

Tunnels, at least 4 feet wide by 6½ feet high complete with the necessary drains, lights and steam with water piping and covering will be needed to connect the dining room and these new cottages with the new power plant. If the cottages are located conveniently to one another, about \$16,000 will be required.

Cold Storage Plant.—This building is an absolute necessity for the welfare of the institution, and should be large enough to supply its needs. At the present time we have no cold storage means with the exception of capacity enough for one week's supply of meats. We have no cold storage room for vegetables, fresh and canned fruit, eggs, butter, etc. For this building, estimate is \$75,000.

An appropriation of \$3,000 for a warehouse for lumber, lime, cement, hard coal, etc., which is now scattered over the entire institution. A building 50 feet by 75 feet of simple construction will suffice.

Tunnel Piping.—For the completion of tunnel piping, \$25,000 is needed. This is absolutely essential to provide heat and water from the new plant to all the buildings on the south side of the grounds.

Electric Wiring.—The entire institution must be re-wired for 220—110 volt, 3 wire system, this being the current generated in the new plant. This will require an outlay of \$30,000. The present voltage requires only small 8 pound transmission lines. When the voltage is lowered to 220, these lines will have to be increased in size ten times. Interior wiring is now arranged for 110 volts. New cut-out cabinets, switches, etc., will have to be provided for 220 volts.

Hospital building is now heated from the old power house by the gravity system, and must be abandoned when the new power plant is put in use. To install the Van Auken system of heating in the hospital building that exhaust steam from the engines and pumps in the new plant can be used: \$6,000 is needed for this work.

To install the Van Auken vacuum system of heating in the buildings known as C W 1, C W 2, C W 3 and C W 4, approximately \$10,000 will be required. These buildings are now equipped with the high pressure system which besides being obsolete, is both dangerous and expensive to operate.

Our operating room and bed patients are on the third floor of the hospital. All bed patients are carried up and down the steps, which is

dangerous to the carriers and the patients carried. Elevator should be built, cost of this is estimated at \$4,000.

The French windows in the two receiving wards have proven to be costly and the means of many escapes. Glass breakage alone for the few months the wards have been occupied, have been upwards of \$60, besides, proper ventilation is impossible. There are 176 windows, and it will cost about \$15 each to replace sash and change the frame to suit, totalling \$2,640.

New foundation and sills must be placed at the annex building. Our engineer figures \$8,000 to perform this work.

Laundry.—A new floor must be put in at the laundry before new machinery can be installed. Approximate cost \$1,500.

Power Plant.—Much of the equipment necessary in the new power plant has been omitted. Following list of appropriations is desired to cover the discrepancy.

Switchboard and wiring power plant, \$15,000, an absolute necessity before the plant can be operated.

Vacuum cleaning machinery, \$1,500, all the new buildings are piped for vacuum cleaning, but the pumps, screens, reservoirs, etc., are still to be provided.

Covering pipes in new tunnels, \$2,500.

Crane hoist in new engine room, \$850.

Water heater for the laundry, \$1,000. We have 2,200 horsepower boilers in the new plant, and only a 1,000 horsepower feed water heater. By installing a duplicate heater in the space provided, a saving of coal amounting to at least 5 per cent can be made. One thousand five hundred dollars should be allowed for this.

Two new domestic water heaters have been installed in the new plant but no provisions have been made to connect these heaters with the old buildings; \$10,000 will be required for galvanized iron piping properly insulated in the old tunnels to connect the above mentioned buildings. One turbine driven exciter has been provided for the new plant, should this become crippled even temporarily, the generators can not be run and no light or power can be provided. A direct connected engine driven exciter should be provided as soon as possible. This will cost \$850.

NON-STRUCTURAL.

Lands.—I firmly believe that this institution should have additional land. We have only 100 acres at the present time under cultivation, the institution is getting larger all the time, more ground is used up for buildings, and nothing is better as a therapeutic measure for the improvement of these poor unfortunates, than outdoor work. Now I believe is the last chance that we will have to get land in this vicinity, and I believe that we should grasp this opportunity, and expend enough money to acquire about 250 additional acres of land, which in my opinion can be bought for \$100,000. This should be appropriated without fail.

Sewer Outlet.—A great problem for us is the disposal of our sewerage, as the authorities well know. After every heavy rain, our tunnels and basements are filled with water, paralyzing our heat and lighting system. Attached hereto is letter from the board of local improvements,

city of Chicago, giving revised figures on this most essential improvement. The letter is self explanatory. Our streets, driveways and grounds at the present time are in terrible condition. We need to start with not less than 14,000 feet of curbing and gutter at 35 cents per foot, amounting to \$4,900.

For new sidewalks and driveways.....	\$ 4,000 00
For lighting grounds.....	5,000 00
For fire lines to annex, hydrants, etc.....	2,700 00
Reappropriation for paving Irving Park Boulevard.....	12,000 00

GEO. LEININGER, M. D., *Managing Officer.*

STATISTICAL TABLES.

TABLE NO. 1.—MOVEMENT OF POPULATION.

	Oct. 1, 1914, to Sept. 30, 1915.			Oct. 1, 1915, to Sept. 30, 1916.			Oct. 1, 1914, to Sept. 30, 1916.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Actually present beginning of period.	1,535	1,224	2,759	1,651	1,317	2,968	1,535	1,224	2,759
On parole at beginning of period.....	81	62	143	87	73	160	81	62	143
On escape at beginning of period.....	38	4	42	31	3	34	38	4	42
Enrollment.....	1,654	1,290	2,944	1,769	1,393	3,162	1,654	1,290	2,944
Admitted—									
By jury commitment.....	647	384	1,031	822	484	1,306	1,469	868	2,337
By voluntary.....	217	105	322	119	28	147	336	133	469
Re-admitted including transfer.....	114	77	191	140	91	231	254	168	422
Total admitted and re-admitted.....	978	566	1,544	1,081	603	1,684	2,059	1,169	3,228
Equilibrium total.....	3,632	1,856	4,488	2,850	1,996	4,846	3,713	2,459	6,172
Discharged—									
As recovered.....	289	133	422	205	69	274	494	202	696
As improved.....	129	110	239	170	112	282	299	221	520
As unimproved.....				5	5	10	5	5	10
As stationary.....	48	28	76	42	27	69	90	55	145
As insane.....				1		1	1		1
By order of court.....									
Total discharged.....	466	271	737	423	213	636	889	483	1,372
Dropped from roll.....	84	8	92	78	5	83	162	13	175
Deported (see table No. 1a).....	28	11	39	32	12	44	60	23	83
Died.....	232	119	351	298	198	496	530	317	847
Transferred to Elgin State Hospital.....		1	1					1	1
Transferred to Kankakee State Hospital.....	1	2	3	4	2	6	5	5	10
Transferred to Chester.....	1		1	2		2	3		3
Transferred to Watertown State Hospital.....									
Transferred to Peoria.....				2		2	2		2
Transferred to Jacksonville.....	50	51	101	2		2	52	51	103
Transferred to Lincoln State Hospital.....	1		1				1		1
Total discharges and deaths.....	863	463	1,326	841	430	1,271	1,704	893	2,597
On parole at end of period.....	87	73	160	104	75	179	104	75	179
On escape at end of period.....	31	3	34	37	3	40	37	3	40
Actually present at end of period.....	1,651	1,317	2,968	1,868	1,488	3,356	1,868	1,488	3,356
Enrollment.....	1,769	1,393	3,162	2,009	1,566	3,575	2,009	1,566	3,575
Equilibrium total.....	2,632	1,856	4,488	2,850	1,996	4,846	3,713	2,459	6,172
Average number present.....	1,599	1,288	2,887	1,731	1,402	3,133	1,660	1,361	3,021
Average number enrolled.....	1,705	1,358	3,063	1,845	1,472	3,317	1,775	1,415	3,190
Percentage of deaths per annum—									
On average number present.....	14.5	9.2	12.1	17.2	14.1	15.8	15.9	11.6	13.7
On average number enrolled.....	13.6	8.7	11.4	16.1	13.4	14.9	14.9	11.2	13
On total admissions and re-admissions.....	23.7	21.0	22.7	27.6	32.8	29	25.5	27.1	26.3
Percentages of recoveries per annum on total admissions and readmissions.....	29.5	23.5	27.3	18.9	11.4	16.2	24.2	17.2	21.5
Rated capacity.....									3,378

TABLE NO. 1A—DISPOSITION OF PATIENTS DEPORTED.

	Male.	Female.	Total.
Connecticut.....			
Iowa.....			
Kansas.....	2		2
Michigan.....	1	1	2
Minnesota.....	1	1	2
Kentucky.....	1	1	2
New York.....	16	3	19
North Dakota.....			
Wisconsin.....	3	2	5
Washington, D. C.....		1	1
Ohio.....	3	2	5
Total to other states.....	22	7	29
Total to foreign countries.....	11	5	16
Total.....	60	23	83

TABLE NO. 2—RESIDENCE OF PATIENTS.

	Male.	Female.	Total.
Cook county.....	2,059	1,169	3,228

TABLE NO. 3—NATIVITY OF THOSE ADMITTED.

	Male.	Female.	Total.
Arabia.....	2	1	3
Assyria.....	1		1
Australia.....		1	1
Austria.....	96	72	168
Belgium.....	5	1	6
British Honduras.....	1		1
Bohemia.....	52	32	84
Canada.....	24	10	34
China.....	3		3
Denmark.....	6	10	16
England.....	22	23	45
Finland.....		1	1
France.....	2		2
Germany.....	157	104	261
Greece.....	21	1	22
Holland.....	12	4	16
Hungary.....	21	19	40
Ireland.....	69	56	125
Italy.....	50	38	88
Japan.....	1		1
Lithuania.....	11	3	14
Norway.....	24	25	49
Poland.....	56	36	92
Porto Rico.....	1		1
Persia.....	4		4
Roumania.....	6		6
Russia.....	128	93	221
Scotland.....	7	4	11
Slavonian.....	3	3	6
Sweden.....	45	40	85
Spain.....	1		1
Switzerland.....	8	5	13
United States.....	757	462	1,219
Unknown.....	463	125	588
Total.....	2,059	1,169	3,228

TABLE NO. 4—OCCUPATION OF THOSE ADMITTED.

October 1, 1914, to September 30, 1916.

	Male.	Female.	Total.
Agriculture.....	23	1	24
Clerical.....	150	35	185
Commercial.....	230	49	279
Domestic.....	75	745	820
Manual labor.....	594	5	599
Professional.....	31	23	54
Trades.....	524	86	610
Transportation.....	1	.....	1
Miscellaneous.....	43	8	51
None.....	78	44	122
Unknown.....	310	173	483
Total.....	2,059	1,169	3,228

TABLE NO. 5—CIVIL CONDITION OF THOSE ADMITTED.

	Male.	Female.	Total.
Single.....	950	326	1,276
Married.....	864	521	1,385
Widowed.....	67	101	168
Divorced.....	16	28	44
Unknown.....	162	193	355
Total.....	2,059	1,169	3,228

TABLE NO. 6—EDUCATION OF THOSE ADMITTED.

October 1, 1914, to September 30, 1916.

	Male.	Female.	Total.
Common school.....	1,596	830	2,426
High school.....	85	30	115
College.....	14	7	21
University.....	1	.....	1
None.....	38	38	76
Unknown.....	325	264	589
Total.....	2,059	1,169	3,228

TABLE NO. 7—RESIDENCE OF PATIENTS ADMITTED.

	Male.	Female.	Total.
Connecticut.....	1	.....	1
Iowa.....	1	.....	1
Kansas.....	1	.....	1
Kentucky.....	1	.....	1
Michigan.....	1	2	3
Minnesota.....	2	.....	2
New Jersey.....	.....	.....	.....
New York.....	3	1	4
North Dakota.....	.....	1	1
Ohio.....	1	1	2
South Dakota.....	.....	.....	.....
Wisconsin.....	.....	1	1
Washington, D. C.....	.....	.....	.....
Total residents of other states.....	14	6	20
Aliens.....	7	1	8
Residents of Illinois.....	2,027	1,156	3,183
Total.....	2,059	1,169	3,228

TABLE NO. 8—HOW COMMITTED.

	Male.	Female.	Total.
Verdict.....			
Commission.....	1,665	1,013	2,678
Voluntary.....	394	156	550
Total.....	2,059	1,169	3,223

TABLE NO. 9—PSYCHOSIS OF THOSE ADMITTED.

	Male.	Female.	Total.
I. Infective exhaustive psychosis.....	12	20	32
II. Intoxication psychosis—			
1. Alcoholic.....	170	42	212
2. Polyneuritic.....	3	9	12
3. Drug morphine.....	345	118	463
4. Undifferentiated.....			
III. Organic brain disease—			
1. Focal or diffuse disease such as Huntington's chorea, asphasia, etc.....	56	23	79
2. Senile pre-senile.....	62	100	162
3. General paralysis of the insane.....	296	51	347
IV. Dementia precox—			
1. Katatonic.....	21	26	47
2. Hebephrenic.....	124	81	205
3. Allied.....	16	4	20
4. Undifferentiated.....	258	197	455
V. Manic depressive—			
1. Manic state.....	12	20	32
2. Depressed state.....	10	3	13
3. Mixed state.....	3	6	9
4. Allied.....	10	7	17
5. Undifferentiated.....	54	58	112
VI. Involuntional melancholia.....	8	21	29
VII. Depressed states not included in No. 5 or 6—			
1. Simple and undifferentiated depression.....	1		1
VIII. Paranoic states.....	61	64	125
IX. Epileptic states.....	57	25	82
X. Psychogenic neuroses—			
1. Hysteria.....	2	4	6
2. Neurasthenia.....	5	1	6
XI. Psychopathic personalities.....	4	2	6
XII. Developmental anomalies—			
1. Idiocy.....	11	6	17
2. Imbecility.....	31	19	50
3. Constitutional inferiority.....	28	16	44
4. Undifferentiated.....	28	16	44
XIII. Unclassified.....	118	120	238
XIV. Not insane.....	4	1	5
1. On Oct. 1, 1916, not yet diagnosed.....	92	45	137
2. Died and discharged before being presented.....	157	64	221
Total.....	2,059	1,169	3,223

TABLE NO. 10—NUMBER OF ATTACKS OF THOSE ADMITTED.

	Male.	Female.	Total.
First.....	1,858	1,067	2,925
Second.....	160	86	246
Third.....	26	11	37
Fourth.....	12	4	16
Fifth.....	3	1	4
Total.....	2,059	1,169	3,223

TABLE NO. 11—DURATION OF INSANITY OF THOSE ADMITTED.

	Male.	Female.	Total.
Under one month.....	363	40	403
One to two months.....	161	200	361
Three to five months.....	243	86	329
Six to eleven months.....	191	284	475
One year.....	198	208	406
Two years.....	166	82	248
Three to four years.....	91	21	112
Five to nine years.....	83	11	94
Ten to fourteen years.....	51	1	52
Fifteen to nineteen years.....	21	2	23
Twenty to twenty-four years.....	3	2	5
Twenty-five years and over.....	6	3	9
Unascertained.....	482	229	711
Total.....	2,059	1,169	3,228

TABLE NO. 12—AGES OF THOSE ADMITTED.

	Male.	Female.	Total.
Under fifteen years.....	3	.....	3
Fifteen to nineteen years.....	79	41	120
Twenty to twenty-four years.....	176	109	285
Twenty-five to twenty-nine years.....	247	144	391
Thirty to thirty-four years.....	227	138	365
Thirty-five to thirty-nine years.....	253	151	404
Forty to forty-four years.....	220	121	341
Forty-five to forty-nine years.....	163	92	255
Fifty to fifty-four years.....	140	88	228
Fifty-five to fifty-nine years.....	77	65	142
Sixty to sixty-four years.....	66	33	99
Sixty-five to sixty-nine years.....	38	33	71
Seventy to seventy-four years.....	34	25	59
Seventy-five to seventy-nine years.....	15	28	43
Eighty to eighty-five years.....	11	16	27
Eighty-seven years.....	3	2	5
Ninety years.....	1	2	3
Unascertained.....	306	81	387
Total.....	2,059	1,169	3,228

TABLE NO. 13—AGES AT TIME OF ADMISSION OF THOSE RECOVERED.

	Male.	Female.	Total.
Under fifteen years.....	.....	.....	.....
Fifteen to nineteen years.....	8	10	18
Twenty to twenty-four years.....	24	18	42
Twenty-five to twenty-nine years.....	39	11	50
Thirty to thirty-four years.....	27	14	41
Thirty-five to thirty-nine years.....	51	29	80
Forty to forty-four years.....	48	13	61
Forty-five to forty-nine years.....	24	16	40
Fifty to fifty-four years.....	16	12	28
Fifty-five to fifty-nine years.....	6	8	14
Sixty to sixty-four years.....	3	6	9
Sixty-five to sixty-nine years.....	2	4	6
Seventy to seventy-four years.....	.....	.....	.....
Seventy-five to seventy-nine years.....	.....	.....	.....
Over eighty years.....	.....	.....	.....
Unascertained.....	246	61	307
Total.....	494	202	696

TABLE NO. 14—DURATION OF RESIDENCE IN HOSPITAL OF THOSE RECOVERED.

	Male.	Female.	Total.
Less than two months.....	278	106	384
Two to four months.....	74	56	130
Five to nine months.....	49	25	74
Ten to twelve months.....	20	6	26
Thirteen to eighteen months.....	26	4	30
Nineteen to twenty-three months.....	24	3	27
Two years or over.....	23	2	25
Total.....	494	202	696

TABLE NO. 15—NUMBER OF ATTACKS OF THOSE RECOVERED.

	Male.	Female.	Total.
First.....	475	190	665
Second.....	9	8	17
Third.....	7	4	11
Fourth.....	3	.....	3
Total.....	494	202	696

TABLE NO. 16—PSYCHOSIS OF THOSE RECOVERED.

	Male.	Female.	Total.
Alcoholic.....	83	23	106
Manic depressive.....	44	22	66
Morbinism.....	206	63	269
Dementia precox.....	12	9	21
Traumatic insanity.....	1	.....	1
Depressive symptomatamtic.....	.....	.....	.....
Infective exhaustive.....	1	10	11
Unclassified.....	147	75	222
Total.....	494	202	696

TABLE NO. 17—DEATHS AND CAUSES.

(Classified according to the international list.)

Cause of death.	Male.	Female.	Total.
I. General diseases—			
Dysentery—non-amaebic.....	1	3	4
Erysipelas.....	3	3	6
Septicemia—			
Undifferentiated.....	.....	2	2
Parotitis-acute, septic.....	.....	2	2
Pellagra.....	4	5	9
Tuberculosis of the lungs.....	65	79	144
Acute miliary tuberculosis.....	1	.....	1
Abdominal tuberculosis—			
Enteritis.....	2	3	5
Peritonitis.....	1	.....	1
Glandular tuberculosis.....	1	.....	1
Syphilis.....	2	.....	2
Tuberculosis of the spine (Pott's disease).....	1	.....	1
Cancer of stomach, liver.....	1	1	2
Cancer of the peritoneum, intestines, rectum.....	.....	1	1
Cancer of the female genital organs.....	.....	2	2

TABLE NO.17—Concluded.

Cause of death.	Male.	Female.	Total.
I. General diseases—Concluded.			
Cancer of the breast.....		1	1
Cancer of the mouth.....	1		1
Cancer of the bladder.....		2	2
Multiple cystic fibro-adenomatad of thyroid and uterus (operation on thyroid).....		1	1
Diabetes mellitus.....	1		1
Anemia-pernicious.....			2
Alcoholism—	2		
Delirium tremens.....		1	1
Alcoholic polyneuritis (and pellagra*).....		1	1
Alcoholic polyneuritis.....		1	1
II. Diseases of the nervous system and of the organs of special sense—			
Locomotor ataxia.....	1		1
Apoplexy—			
Undifferentiated.....	1		1
Cerebral hemorrhage.....	16	1	17
General paralysis of the insane.....	237	54	291
Other forms of mental alienation—			
Katatonie exhaustion.....	4	1	5
Exhaustion of mania.....	3	5	8
Acute delirious mania.....		3	3
Infective exhaustive.....	2	8	10
Involutional melancholia (starvation).....		2	2
Exhaustion of senile dementia.....		1	1
Epileptic state (status epilepticus).....	17	4	21
Epilepsy (accidental drowning).....	1		1
Huntington's chorea.....		2	2
Tumor of the brain.....	1	3	4
III. Diseases of the circulatory system—			
Organic diseases of the heart—			
Acute endocarditis.....		1	1
Chronic myocarditis.....	44	39	83
Mitral regurgitation.....	9	5	14
Aortic regurgitation.....	1		1
Fatty degeneration of the heart.....		1	1
Arteriosclerosis—			
Undifferentiated.....	43	16	59
Cerebral.....	2	2	4
Embolism and thrombosis.....		1	1
Oedema of the lungs.....	1		1
IV. Diseases of the respiratory system—			
Suppuration of frontal sinuses.....		1	1
Bronchopneumonia.....	23	35	58
Lobar pneumonia.....	13	13	26
V. Disease of the digestive system—			
Diarrhea and enteritis (2 years and over).....	3		3
Intestinal obstruction—			
Undifferentiated.....	1	1	2
Strangulated hernia.....	1		1
Cirrhosis of the liver.....	1		1
Acute cholecystitis.....			
VI. Nonvenereal disease of the genitourinary system and adnexa—			
Acute nephritis.....	1		1
Chronic interstitial nephritis.....	3	7	10
VII. Diseases of the skin and cellular tissue—			
Gangrene of leg (senile).....	1		1
Furuncle.....	1	1	2
VIII. Affections produced by external causes—			
Suicide.....			
Strangulation with shoestring.....	1		1
Strangulation with necktie.....	1		1
Strangulation by hanging.....	1		1
By drowning in pond on hospital grounds.....	1		1
By cutting or piercing instruments—			
Razor.....	1		1
Instrument undetermined.....	1		1
By jumping from roof of hospital.....	1		1
Traumatism by falls.....	1	1	2
Homicide by—			
Blow on head from shovel in hands of another patient.....	1		1
Blow on head with pipe in hands of another patient.....	1		1
Died on parole (cause unknown).....	3	1	4
Total.....	530	317	847

* Terminal condition probably produced by dietary irregularities through alcoholic excesses.

TABLE NO. 18—AGES AT DEATH.

	Male.	Female.	Total.
Under fifteen years.....			
Fifteen to nineteen years.....	6	2	8
Twenty to twenty-four years.....	20	11	31
Twenty-five to twenty-nine years.....	36	16	52
Thirty to thirty-four years.....	53	24	77
Thirty-five to thirty-nine years.....	61	27	88
Forty to forty-four years.....	80	28	108
Forty-five to forty-nine years.....	87	30	117
Fifty to fifty-four years.....	34	34	68
Fifty-five to fifty-nine years.....	29	27	56
Sixty to sixty-four years.....	26	21	47
Sixty-five to sixty-nine years.....	26	19	45
Seventy to seventy-four years.....	21	18	39
Seventy-five to seventy-nine years.....	10	12	22
Eighty or over.....	15	11	26
Unknown.....	26	37	63
Total.....	530	317	847

TABLE NO. 19—PATIENTS TRANSFERRED, RETURNED TO COUNTY.

Counties.	Where sent.	Male.	Female.	Total.
Cook County.....	Elgin.....		1	1

TABLE NO. 20—GENERAL STATISTICS, CHICAGO STATE HOSPITAL.

	Male.	Female.	Male.	Female.	Total.
Total enrolled Oct. 1, 1914.....			1,654	1,290	2,944
Total admissions Oct. 1, 1914, to Sept. 30, 1916.....			2,059	1,169	3,228
Total.....			3,713	2,459	6,172
Total discharged—					
Recovered.....	494	202			
Improved.....	299	221			
Unimproved.....	5	5			
Stationary.....	90	55			
Not insane.....	1				
Order of court.....					
Total died.....	530	317			
Transferred and deported.....	123	80			
Escaped and subsequently dropped.....	162	13			
Remaining on enrollment Sept. 30, 1916.....			2,009	1,566	3,575

FINANCIAL STATEMENTS.

HISTORY OF APPROPRIATIONS OF THE CHICAGO STATE HOSPITAL FOR THE
BIENNIAL PERIOD ENDING SEPTEMBER 30, 1916.

Appropriation for.	Balance in fund Oct. 1, 1914.	Appropriation, 1915 and 1916.	Sup- plies trans- ferred added to fund.	Total.	Vouchers for- warded for payment.	Lapsed into general revenue fund Sept. 30, 1915.	Balance in fund Sept. 30, 1916.
Ordinary operating expense.....	\$475,647 87	\$908,049 46	\$1,778 56	\$1,385,475 89	\$980,088 35	.....	\$405,387 54
Ordinary repair and improve- ment.....	52,224 92	107,305 00	25 00	159,554 92	123,861 73	.....	35,693 19
Ordinary care and improvement of grounds.....	2,066 14	6,828 50	.....	8,894 64	5,795 39	.....	3,099 25
New buildings and wrecking.....	1,174 30	.....	.....	1,174 30	990 00	184 30	.....
Plumbing.....	992 78	.....	.....	992 78	759 25	233 53	.....
Furniture.....	6,476 95	15,000 00	.....	21,476 95	21,396 69	.....	80 26
Painting.....	9,762 23	.....	.....	9,762 23	8,368 29	1,393 94	.....
Laundry machin- ery.....	14,983 44	†14,969 18	.....	29,952 62	1,949 26	14,969 18	13,034 18
Floors, ceilings, locks and fire es- capes.....	16,713 71	.....	.....	16,713 71	16,679 66	34 05	.....
Nurses' home.....	88,543 58	†23,681 08	.....	112,224 66	88,543 58	23,681 08	.....
Heat, light, power, ventilating and cold storage.....	158,801 07	†133,068 17	.....	291,869 24	158,801 07	133,068 17	.....
Receiving service building.....	274,962 32	†61,465 35	.....	339,427 67	274,962 32	64,465 35	.....
Cottages to replace infirmary wards.	149,933 17	†26,918 58	.....	176,851 75	149,933 17	26,918 58	.....
Remodeling kitch- en, bakery and dining room.....	.....	65,000 00	.....	65,000 00	80 36	.....	64,919 64
Entrance to grounds.....	.....	2,000 00	.....	2,000 00	18 50	.....	1,981 50
Paving Irving Park Boulevard.....	.....	12,000 00	.....	12,000 00	.....	.....	12,000 00
Amusement hall...	.....	45,000 00	.....	45,000 00	221 26	.....	44,778 74
Total.....	\$1,252,282 48	\$1,424,285 32	\$1,803 56	\$2,678,371 36	\$1,832,448 88	\$264,948 18	\$580,974 30

* Contingent fund included.

† Re-appropriated.

CONSOLIDATED PAY ROLL.

Showing the salaries and wages of each officer and employee on account of all funds for two years ending September 30, 1916.

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Leininger, Dr. Geo. L.	Superintendent.	24	1		\$4,124 98	\$4,345 00
Adams, Marion B.	Attendant.	4	29		100 81	22 58
Ahearn, Margaret	do.	20	48		302 92	343 81
Aiken, Clyde.	Nurse.	1	20		66 67	
Aiken, Elmer	Supervising nurse.	1	20		100 00	
Allen, Mary.	Attendant.	18	40		212 79	334 51
Anable, Minnie	do.	2	7			55 65
Anderson, A. C.	Painter.			184	125 80	
Anderson, Inga.	Attendant.	14	27		165 58	335 82
Anderson, Mabel.	do.	8	4			206 23
Anderson, Nellie.	do.	23	12		310 00	399 00
Anderson, Sadie.	do.	22	83		324 57	388 76
Andrews, Bertha Marzs	do.	20	27		314 40	355 19
Andrews, Jno.	do.	16	14		111 29	328 00
Anton, Sophia.	do.	2	28		84 94	
Appell, C. A.	Policeman.	2			150 00	
Arendt, Sophia.	Domestic.	24			391 84	528 00
Arnold, Ida.	Attendant.	13	9		83 01	246 52
Askew, Roy.	do.	6	11		170 11	
Asquith, Edith.	do.	3	24		73 67	8 87
Aultman, Margaret.	do.		14			11 67
Aultman, Emma.	do.	6	11		199 63	
Aultman, G. N.	do.	5	15		200 58	
Avery, C. F.	do.		8		6 67	79 84
Avery, W. J.	do.	1	17		3 33	35 83
Bach, Bertha.	Domestic.	23	29		343 00	417 74
Bachmann, O. F.	Cook.	24			734 84	720 00
Baker, Jas. D.	Attendant.	7	13		110 46	77 05
Baker, Mary E.	Domestic.	23	283		365 00	416 04
Baldwin, Louise.	Attendant.		1			81
Barchard, I. W.	do.		163		17 83	
Barger, Jno. E.	Laborer.	24			376 00	534 00
Barred, Edna.	Attendant.	2	12			59 68
Barry, Lucille.	do.	8				202 36
Bauldry, Nellie.	do.	1	23			43 55
Beasley, S. R.	do.	1	19		44 92	
Becker, Eda.	do.	23	213		269 48	356 16
Becker, Minnie.	do.	5	28		133 86	343 37
Begor, Tillie.	do.	1	18			39 52
Behnke, Edw. A.	do.	1	27		69 98	
Behrendt, Josephine.	do.	1	23			43 55
Belinski, Sylvie.	do.	12	6		6 67	309 46
Belk, Wm.	do.	2	3		28 23	313 35
Bellemore, Mac.	do.	7	7		146 44	
Benjamin, Samuel.	do.	14	5		96 67	274 47
Beresford, Geo. W.	do.	10	7		71 77	189 71
Berger, Martha.	Domestic.		3		2 30	
Berkholtz, Wm.	Attendant.	7	7		197 74	
Berkovitz, Max.	do.	17	25		216 15	265 26
Bertram, Wm.	do.		19		15 70	
Betts, Blanche Storey.	do.	13	173		43 71	306 09
Betts, Vadie.	do.	2	6			54 84
Betts, Ward.	do.	21	16		253 89	351 08
Bierwirth, Arthur.	do.	2	12			59 68
Bierwirth, Lillian.	do.	2	12			59 68
Bilbrey, E. E.	do.	2	12			59 65
Bingman, Bert.	do.		27			21 96
Bingman, Lula.	do.	1	2			26 96
Birch, Allie.	do.	5	9		142 99	
Bissounette, A.	do.	23	16		321 71	359 99
Black, Anna.	do.	22	4		234 98	332 14
Black, Eva.	do.	18	21		153 05	325 25
Blasgen, Henry.	do.		1,864		814 70	562 80
Blockley, Dewitt.	do.	1	29		50 00	
Blum, Christopher.	do.	9	8			243 57
Bodine, Edith.	do.	12	19		281 20	115 16
Bodkin, Patrick.	do.		1		81	
Boesh, Hanna.	do.	12	2		3 33	415 38
Boggs, Olive Torkelson.	do.	1	28			47 93
Boggs, W. C.	do.	10	2		68 00	264 39
Boles, Fred.	do.	12	20		17 50	310 29

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Boles, Hosea	Attendant	3				\$ 75 00
Bonner, T. J.	do.		3		\$ 2 50	
Borham, Katherine	Nurse	5	14		218 06	
Boswell, Floyd	Attendant	1	14			36 29
Bowen, Chas. R.	Stationary engineer			536		268 00
Bowman, Mina	Attendant		11			8 87
Boyd, Grace	do.		19			15 38
Boyle, Jno.	Steam fitter			908	666 00	
Braday, Ira	Attendant	3	10		83 06	
Bradley, Madge	do.	3	18		71 74	
Bradtke, F. P.	do.		10		8 58	
Brady, Jno.	do.	3	6		78 87	
Brandt, Dorothy	do.	2	27			97 61
Bransfield, J. J.	Stenographer	9			897 00	
Brashears, Myrtle	Attendant	1	28			48 88
Braun, Paulina	do.	3	3		90 40	
Bridgman, Margaret	Domestic	23	24		278 39	385 67
Brislen, Frank	Plumber			749		561 75
Britt, Patrick	Steam fitter			573 1		428 23
Broderick, Jno. J.	Attendant		3			2 42
Brown, Daisy	do.	9	14		71 67	159 60
Brown, Desda	do.	8	23		180 12	
Brown, Ernest	do.	9	27		93 33	160 50
Brown, W. A.	do.	2	15		62 10	
Buckman, Ben	do.	9	21		52 42	196 95
Brush, R. A.	do.	22	19		351 00	405 74
Buckley, Mary	do.	15	6		69 00	324 00
Buckman, Augusta	Domestic	11	27		49 51	291 19
Burg, Jacob	Attendant	1	2		26 13	
Burgess, Helen	do.	14	13		60 30	309 41
Burke, J. J.	do.	12	11		622 27	622 32
Burns, Fred	Iron worker			157	109 90	
Burroughs, B. J.	Attendant	9	13		395 61	
Burroughs, Maud	do.	9	18			340 38
Burton, Georgie	do.	3	4		66 00	
Busey, Nellie	do.	14	16		100 35	290 95
Busse, Mary	do.	9	7		277 93	
Butler, Willie	do.		29			23 85
Byars, Pearl	do.	21	22		265 71	290 39
Cahill, Florence	do.	8	11			212 87
Cahill, Margaret	do.	8	11			211 25
Callahan, Edwin	do.	18	10		312 18	254 61
Callahan, J. J.	do.	3	3			76 80
Callahan, Luella	do.	20	11		279 02	404 35
Callahan, Mabelle	do.	3	13			85 83
Camblin, Kate	do.		7		5 83	5 83
Camblin, Mary	do.		7			5 83
Cameron, Wm.	Maehinist	6	28	3,266 1	1,503 03	1,759 14
Camp, Agnes	Attendant	14	17		80 78	423 34
Campbell, J.	Plasterer			52	38 30	
Campbell, Margaret	Attendant	11	12		79 84	202 23
Campbell, T. W.	do.	9	9		100 81	137 10
Canty, Annie	Domestic	1	10		33 33	
Canty, Nellie	Attendant	23	17		470 09	473 38
Carbray, Jos.	Butcher	21	17 1		720 00	573 87
Caruahan, Robt.	Attendant		20		16 13	
Carney, Chas.	do.	5	26 1		145 56	
Carroll, May	do.	6	6			153 03
Carroll, T. F.	do.		12		10 00	
Carroll, Thos.	Traveling steward		19			76 61
Carron, Pearl	Attendant	4	16			112 90
Carson, J. C.	do.	3	19		70 94	18 55
Carter, Bert	do.	12	26		27 40	313 87
Carter, Clara	do.	4	5			104 03
Carter, Curtis	do.		28			23 33
Carter, Nellie	do.	14	6		64 14	320 54
Carter, Wm. C.	do.	1	12			31 62
Carter, Walter G.	do.	5	8		132 48	
Case, Jennie	do.	4	11 1		127 97	
Castleberry, Arthur	do.	3	21			91 89
Cavanaugh, Thos.	do.	1	19		40 83	
Cazadd, Luther	do.	5	9		206 47	
Cazadd, Mary	do.	5	9		180 02	
Cendeck, Jno.	Carpenter			124	86 80	
Chamberlin, Lillis	Attendant	10	26		6 67	275 00
Chandler, G. C.	do.	23	29		430 80	431 83

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Chapman, Helen.	Attendant.	17	9		\$ 113 06	\$ 328 20
Chisholm, D. G.	do.		21			17 23
Chitwood, Gladys.	do.	23	27		376 58	482 13
Chitwood, W. B.	do.	22	25		430 25	439 06
Chrisman, Cora.	Nurse.	9	4		260 00	103 06
Christianson, Catherine.	Attendant.		28			31 18
Christofferson, Bessie.	do.	23	153		272 86	357 14
Civis, Minnie.	do.	3	15		79 41	
Clairmont, DeLoris.	do.	1	19			39 75
Clark, Adelaide.	do.	10	12		202 56	36 67
Clarke, J. G.	do.	15	29		364 00	4 52
Clark, Zola.	do.	2	24		55 49	
Clausen, Sophie.	do.	1	10			35 71
Clinton, J. C.	do.	9	26		267 67	
Clover, Alice.	do.	12	12		38 61	279 19
Clyne, Sarah.	Nurse.	23	12		472 20	547 20
Cochran, Sarah M.	Attendant.		4			3 23
Cohan, James.	Machinist.			346	232 31	
Cohn, Eugene.	Assistant superintendent.	5				1,000 00
Cole, Anna.	Attendant.	1	13		41 06	
Comerford, Geo.	Re-imbursement investigator.	9	10			932 26
Compton, Emma.	Attendant.	12	5		92 55	196 55
Conlon, Maude.	do.	3	1		86 60	
Conneely, Margaret.	do.		6			6 80
Conroy, Patrick.	Fireman.	7	25			707 58
Couerv, Patrick.	Attendant.	2	12			58 45
Cook, A. W.	do.		19		5 83	9 68
Cook, Catherine.	do.	23	7		391 33	411 83
Cook, W. M.	do.	23	5		432 71	445 90
Cope, E. L.	do.	11	33		6 67	306 28
Cope, J. L.	do.	1	11			33 87
Corbett, J. J.	do.	2	10		81 43	
Cornell, Rose.	do.		9			10 20
Corzine, Belle.	do.	1	10			32 25
Cox, Ephie.	do.		21			17 42
Coyne, J. L.	do.	24			504 00	502 64
Crews, Clara.	do.	4	12		33 78	67 50
Crews, Ollie.	do.	3	20		51 45	33 33
Cripps, W. H.	do.	8	9		6 67	204 14
Crouch, H. T.	do.	1	14			36 29
Crow, Mabel.	do.	5	25		23 33	144 33
Crow, Raleigh.	do.	6	28		23 33	149 19
Cullinane, Timothy.	do.	23	29		420 00	418 83
Cunningham, Harry.	do.		7			5 65
Cunningham, Lula.	do.	1	21			41 80
Danford, Laura.	Domestic.	7	25			197 61
Daubenspeck, Jno.	Carpenter.			80	56 00	
Davidson, Martha.	Attendant.	4	19		92 99	
Davidson, Samie.	Attendant and fireman.	22	29		289 24	367 76
Davidson, W. M.	Attendant.	4	21		117 94	
Davis, Frances.	do.		5		3 23	
Davis, H. A.	do.	17	9		368 12	279 31
Davis, Lester.	do.	21			415 65	282 45
Davis, Mary.	do.	13	133		333 11	46 56
Dean, Mable.	do.	12	20		88 47	342 71
Dean, Margaret.	do.	10	11		358 92	
Deans, Stella.	do.	1	10		38 67	
Dearie, Lucy.	do.	3	20		61 87	57 80
Deerhake, Anna.	do.	21			228 18	305 99
De La Moreaux, Mrs.						
Blanche.	do.	2	29			100 27
Dennis, C. J.	do.	8			219 11	
Dennis, Violet.	do.	10	18		97 25	152 91
Denny, F. J.	Dentist.	6	15		650 00	
Derby, R. T.	Painter.	2	11	3,760	1,362 14	1,579 00
DeSalvo, Jos.	Attendant.				4 03	
Devinger, Bertha.	do.		3		3 11	
Devinger, Elizabeth.	do.	6	8		181 91	
Devore, J. M.	do.	6			150 00	
Deweese, Flossie Shelton.	do.	22	22		232 45	380 52
Deweese, Jesse.	do.	8	21		3 33	219 37
Dick, D. B.	do.	12	9		14 17	328 30
Dillon, Susie.	do.	20	4		201 26	343 32
Dillow, Minnie.	do.	1	16		30 32	
Dillow, Wm. C.	do.	1	16		37 90	
Doan, Ethel.	Nurse.		27		34 84	

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Dohelman, Jno.	Carpenter			80	\$ 56 00	
Donithan, Claude	Attendant	3	10		83 06	
Donnelly, James	do.	3	14		86 29	
Donner, Bertha	Domestic	4	24		104 67	
Donovan, T. J.	Stationary engineer	24			1,404 00	\$1,437 00
Dornek, N. J.	Attendant	18	25		251 65	250 80
Douglas, Effie	do.	12	1		24 17	285 64
Douglas, Monta	Nurse	22	28		541 00	507 84
Doyle, Frank	Attendant			1		81
Doyle, J. T.	do.	21	18		349 27	306 53
Driseoll, T. J.	Boiler washer	33	14		1,256 73	1,234 74
Droz, Edward	Attendant	12	4		4 17	309 35
Dunbar, Harry	do.	13	19		215 06	170 00
Dungy, Wm.	do.	1	5		29 17	
Dunn, J. G.	do.	23	16		540 00	518 23
Durkin, Matthew	do.		1			83
Duy, Olga	do.	4	7			105 65
Dwyer, Margaret	Nurse	22	24		453 93	500 10
Eherwein, Henry	Attendant	17	20		264 50	181 23
Eckles, Lora	do.	23	22		376 72	430 95
Edgar, Thos.	Storekeeper	22	2		886 00	786 87
Edwards, L. C.	Attendant		11			9 17
Edwards, Perry	do.	6	11		177 18	
Egbert, Luetta	do.	2	26			70 46
Ehmeke, Martin	do.	2	13			82 70
Eichel, Freda	do.		15			12 18
Eisenstein, Harry	do.	6	20		69 30	95 97
Elfman, Eva Meade	do.	3	17		70 29	
Elfman, H.	do.	12	12		9 68	
Elkins, C. E.	Clerk	20	24		580 32	456 45
Eller, Harold	Attendant	20	23		328 11	268 43
Elliot, Matthew	do.	7	4		70 16	107 01
Ellis, C. C.	Physician	24			1,605 00	1,665 00
Elson, C. J.	Attendant	5	27			146 65
Elson, Myrtle	do.	9	14			239 51
Emerson, Stella	do.	5				125 00
Endsley, L. J.	do.		14		15 35	
England, Ruby V.	do.	1	2			25 91
English, Wm.	do.	14	1		51 61	319 03
Epley, Mary	do.	1	28			47 52
Ericson, Blanche	do.	3	4			77 28
Erickson, C. C.	do.	9	15			328 35
Erickson, Roy	do.	14	28		358 94	104 61
Erkmann, Catherine M.	do.	6	29			176 36
Esdorn, C. H.	Painter			376	257 20	
Eulberg, Jno.	do.			3,288	1,409 00	856 60
Falkenskov, Elizabeth Arnett	Attendant and nurse	23	19		243 39	372 97
Falkenskov, J.	Laborer	23	20		362 13	532 53
Farley, Chas.	Laundryman	24			750 00	800 00
Feezor, H. O.	Attendant	6	5		196 08	
Feezor, Nellie	do.	23	16		319 12	506 05
Feith, Jno.	Cook	23	25		750 64	742 00
Ferguson, Essie	Attendant	23	21		253 83	356 48
Fischer, Laura	do.	2	1			70 16
Fish, S. R.	do.	24			365 00	420 00
Fisher, Augustus	do.	4	13		113 89	
Fitch, Jennie	do.	23	22		468 04	480 00
Fite, Adah	do.	16	37		116 70	322 60
Fite, W. A.	do.	17	16		140 00	335 93
Fitzwilliams, Jennie	do.	11	6			318 60
Flaxman, Jos.	do.	2	26		70 16	
Fleming, Alma	do.	21	21		279 33	377 27
Fleming, David E.	do.	1	26			46 66
Fletcher, Edna	do.	1	29		43 54	
Flint, Gus	do.		16			13 33
Fogarty, Richard	do.	6	10		17 50	140 32
Ford, Grace	do.		8			8 77
Ford, Patrick	Machinist helper			4,474	930 66	1,070 73
Forgue, A. J.	Attendant	21	18		423 00	439 22
Forgue, Florence	Domestic	21	61		320 00	319 06
Forgue, Leo	Laborer	19	13		196 61	441 00
Forshall, Harry	Attendant	7	9		248 05	
Frankil, Max	do.	12	23		325 13	23 39
Fravel, Frona	do.	23	23		253 32	372 00
Freiley, Jessie	do.	3	21			124 92

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Freiley, Omar.....	Attendant.....	3	21			\$ 125 80
Frey, Anna.....	do.....		2			1 61
Friedline, Ross.....	do.....	2	11			58 87
Friend, W. H.....	Storekeeper.....	2	2			154 19
Fritts, Effie.....	Attendant.....	2	23			67 71
Fritts, Gracie.....	do.....	15	18		\$ 78 33	320 35
Fritts, H. L.....	Supervising nurse.....	1	23			116 67
Frumoff, L. G.....	Attendant.....	15	21		128 34	287 15
Fry, Erving.....	do.....	3	13		87 62	
Fugit, Audrey.....	do.....		2			1 61
Fuller, W. T.....	Cook.....	1	84			50 80
Furlong, Jno.....	Attendant.....	23	20		379 86	442 80
Furlong, Olga.....	do.....	23	23		302 35	422 74
Furlong, W. E.....	Re-imbursing investigator.....	1	17			154 84
Gabler, Thomas.....	Shoemaker.....	24			499 00	616 00
Gallpen, Norman.....	Attendant.....	6	2		194 13	
Gardner, G. J.....	do.....	12	21		20 00	308 75
Gardner, Neal.....	Laborer.....	21	11		258 36	438 38
Garraghan, Mabel.....	Attendant.....	2	19			64 43
Gayer, Thos. F.....	Chief clerk.....	18			804 00	1,608 00
Gehrman, A. J.....	Attendant.....	4	27			120 16
Gerhardt, August.....	do.....	22	11		271 12	350 03
Gertz, Annie.....	Cook.....	23	28		606 00	603 45
Gertz, August.....	Laborer.....	24			576 00	576 00
Gibbons, Aona.....	Attendant.....	5	10			197 34
Gibbons, Patrick.....	Steam fitter.....	9	21		1,685 00	1,737 29
Gieseking.....	Cook.....	3	20			144 81
Gilbert, O. B.....	Policeman.....		11		26 61	
Gilligan, J. J.....	Fireman.....	3	22			333 19
Gillooly, J. J.....	Attendant.....		7		5 65	
Ginger, Allen.....	do.....	1	5		32 08	
Ginnevan, C. H.....	do.....	1	5		29 17	
Gleason, Mary.....	do.....	4	4		121 18	
Glende, Wm.....	Plasterer.....			1,628	948 40	252 00
Glenn, Ada.....	Attendant.....	3	20		76 49	
Glynn, Bert.....	Laborer.....	6	4		182 45	
Goddard, Mollie.....	Attendant.....	17	5		109 67	329 36
Goldberg, Anna.....	do.....		15		9 68	
Goldberg, Isador.....	do.....	3	24		32 26	62 10
Golly, Frances.....	do.....	1	16		27 58	315 19
Gordon, Eleanor.....	do.....	5	27		116 81	
Gorski, Anastasia.....	do.....	14	3		67 68	424 37
Gorski, Mamie.....	Domestic.....	10	25½			310 92
Goulden, Emma.....	do.....		1			86
Graff, Wm.....	Attendant.....		23		18 95	
Graham, Robt.....	Painter.....			364	248 80	
Graves, Eva.....	Attendant.....		10		6 45	
Greuzebach, Florence.....	do.....		26			21 51
Grey, Jennie.....	do.....	1	27			47 50
Griswold, E. H.....	do.....	23	21		517 97	545 82
Groner, Inez.....	do.....	6	27		138 63	
Groner, Josephine.....	do.....	1	25		36 13	
Grose, Allie.....	do.....	1	16			38 17
Grose, Mary.....	Domestic.....	2	6			54 84
Gross, James.....	Attendant.....	23	16		303 28	363 00
Gross, Minnie.....	do.....	2	26			96 52
Groupe, Jacob.....	do.....	8	9		76 96	134 29
Grzno, Jno. L.....	do.....	4	8		104 70	
Guilfoyle, Wloifred.....	do.....	3	3			27 08
Gunn, Ora.....	do.....	23	13		251 90	356 30
Guthrie, Ida.....	do.....	6	25			170 81
Hagler, N. H.....	do.....	2	13			60 48
Hale, J. W.....	do.....	9	7		236 22	
Hall, Iva.....	do.....		22		15 97	
Hall, Nora.....	do.....	3	25			94 29
Hall, Nova.....	do.....	1	1			25 81
Hallquist, O. W.....	do.....	5	15			137 44
Hamilton, Amanda.....	do.....	1	22			43 27
Hamilton, Chloe.....	do.....	2	3		41 94	
Hamilton, Elsie.....	do.....	4	24½		104 67	
Handibode, Lawrence.....	do.....	3				75 00
Handibode, Rose.....	do.....	2	20			66 11
Hanley, Charlotte.....	do.....		1			81
Hanley, Mary.....	do.....	14	1		48 04	316 46
Hann, Maud.....	do.....	5	22		119 02	322 62
Han en, Fred.....	Florist.....	24			811 00	898 00

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Hansen, Sena.....	Attendant.....	4	12			\$108 91
Hardt, Mary.....	do.....	2	7			75 64
Harms, Adolph.....	do.....	1	17		\$ 39 17	
Harper, Mary Gertrude.....	do.....	2	7			55 56
Harris, Freda.....	do.....	12	9		22 92	291 46
Harris, Geo. B.....	do.....		1			83
Harrison, Alma.....	do.....	21	25		246 12	376 86
Harrison, C. W.....	do.....	24			342 00	379 43
Harrison, Felicia.....	do.....	21	17		275 82	339 00
Harshbarger Erie.....	do.....		19			15 67
Hart, Ada.....	do.....	22	7		264 40	317 25
Hart, Edna.....	do.....	14	20		57 90	318 28
Hart, Edward.....	do.....		27		21 80	
Hart, Mary.....	do.....	2	27		57 42	
Hartman, Joseph.....	Baker.....					66 52
Harvick, Elvin.....	Attendant.....	1	22		43 33	
Havitz, Mary.....	do.....	2	6		48 87	236 94
Hayes, Frances.....	do.....	6	15		130 00	
Hayes, James.....	do.....	4	14		111 67	
Hayes, Wm.....	do.....	6	15		162 50	
Haynes, Enoch.....	do.....		18		14 52	
Haynes, Leah.....	do.....	3	19		78 07	
Haynes, Mary Carrier.....	do.....	8	19			218 63
Haynes, R. T.....	do.....	23	22		380 18	441 61
Healey, Ella.....	do.....	4	6			141 48
Heeg, Lottie.....	do.....		2			1 61
Helferson, Geo.....	Laborer.....		21		2 01	
Heiligenstein, R. C.....	Attendant.....		18		14 52	
Heidt, Clara.....	Stenographer.....	4	18		276 16	
Heller, Martha.....	Attendant.....		2		1 33	
Helton, Leona.....	do.....	13	27		256 80	78 96
Henard, E. S.....	do.....		9		7 26	
Henderson, Myra.....	do.....	23	19		537 02	481 55
Henkel, Alvyna.....	Domestic.....	11	20		269 52	
Henkel, Ida.....	Attendant.....		7			5 65
Henneberry, Edward.....	do.....	21	28		309 19	490 58
Hennessey, Jno.....	do.....	1	7		30 83	
Henry, Alta.....	Attendant and nurse.....	23	1		278 30	407 06
Hermon, Nellie.....	Attendant.....	22	10		315 92	416 61
Herzberger, C. P.....	do.....	7	28		203 45	
Herzberger, Freda.....	do.....	20	29		201 53	335 20
Hewitt, Ray.....	do.....	5	24		45 94	96 71
Hickey, Harriet.....	do.....		14		9 03	
Hickson, Margaret.....	Domestic.....	23	25		436 51	522 18
Hickson, S. R.....	Attendant and laborer.....	24			552 00	552 00
Higgins, Marcella.....	Attendant.....	11	29		371 38	420 00
Hight, Frank.....	do.....		7		5 83	12 09
Hildebrandt, Julia.....	do.....	12	20		11 33	307 01
Hildebreth, Mary.....	Domestic and attendant.....	23	28		308 02	416 61
Hillman, Ellis.....	Attendant.....	24			362 03	416 87
Hilton, Alice.....	do.....	15	9		79 67	310 91
Hjelm, A.....	Machinist helper.....			52	22 88	
Hobbs, Andrew.....	Attendant.....	12	11		313 10	364 00
Hobbs, Elmer.....	do.....	12	9		338 51	39 83
Hobbs, Maud Mansell.....	do.....	11	6		203 12	35 13
Hock, Elmer.....	do.....	24			329 00	380 00
Hodge, L. H.....	do.....	12	3		2 50	311 13
Hoeff, Jno.....	Laborer.....	24			391 00	615 00
Hoeff, Lucy.....	Attendant.....	11	14			295 03
Hogner, Jno.....	Steam fitter helper.....	5	12	438	774 30	
Holmes, Thos.....	Stationary engineer.....	6	22	1,738	1,334 77	317 00
Holmgren, Justus.....	Attendant.....	3	28		22 98	
Holzhouser, W. D.....	Laborer.....	3	1		102 37	
Hood, Carra.....	Attendant.....	20	19		232 84	349 70
Hood, Harley.....	do.....	23	13		325 59	379 90
Hood, Henry H.....	do.....		8			6 45
Horaney, Ethel.....	Domestic and attendant.....	23	1		278 18	385 58
Horaney, G. J.....	Attendant.....	23	20		384 92	430 60
Horgan, Hannah.....	do.....	12	10		360 03	418 87
Horner, Lillian.....	do.....	6	17		186 75	
Howard, Eugenia.....	do.....	3	4			76 75
Howe, Mary.....	do.....	17	13		161 63	404 00
Howell, Jos.....	do.....	1	16		38 33	
Howell, Rosa.....	do.....	1	11			33 87
Hudgins, Arney.....	do.....	7	29		88 66	112 54
Hudgins, Inez Clark.....	do.....	8	27		110 31	99 03

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Lohff, Mayme.	Attendant.	21	2		\$ 191 41	\$ 347 03
Long, J. T.	Policeman.		1		2 68	
Lorentz, Alma V.	Attendant.		6			5 00
Loving, Ethel.	do.		1			81
Lubben, Pearl.	do.	2	6			55 29
Ludwig, Emil.	do.	23	12		445 46	526 31
Lund, May.	do.	21	31		307 80	470 68
Lyons, Enos.	do.	7	19			192 81
Lyons, Jno. M.	Priest.	24			480 00	480 00
McAndrews, Jno.	Laborer.	24			480 00	486 00
McAndrews, Olive Foster.	Attendant and nurse.	23	7		241 11	362 38
McBrien, Mildred.	Attendant.	20	11		332 21	325 70
McBrien, Robt.	do.	11	29		358 90	36 77
McCann, P. J.	Electrician.			197		147 75
McCarthy, H. S.	Assistant physician and physician.	24			1,392 10	1,520 00
McCarthy, Mae.	Telephone operator.	4	9			210 60
McCarthy, R. R.	Assistant physician and physician.	24			1,413 06	1,520 00
McClure, Maude.	Attendant.	1	18		36 00	
McConnell, Jno.	do.		18		8 33	6 45
McCoy, Ella.	do.	23	14		375 12	416 57
McCoy, M. J.	Reimbursing investigator.	5	20		566 13	
McCoy, P. J.	Attendant.	5	29		159 84	
McDaniels, A. E.	do.		23		18 69	
McDermott, Jno.	Bricklayer.			1,360	998 60	
McDermott, Mary.	Domestic.	22	24		342 06	397 68
McDermott, Sarah.	Attendant.	24			420 00	417 74
McDonald, Ida.	Domestic.	14	21		79 84	418 49
McDonnell, B. F.	Electrician.			526	385 50	
McDonnell, Margaret.	Telephone operator.	6	4			242 33
McDonogh, P. J.	Attendant.	1	27			46 77
McDonough, Mary.	do.	19	4		230 96	263 04
McFarland, Hope.	do.	23	17		311 89	381 80
McGehee, G. M.	do.	7	16		192 00	
McGinty, Michael.	Fireman.	1	3			99 00
McGourty, Michael.	Attendant.	4	27		183 68	
McGowan, C. E.	do.	1	23			43 55
McGowan, Minnie.	do.	1	2			25 81
McGowan, Nina.	do.	1	22			42 72
McHugh, Geo.	Mason.			2,261	502 05	1,180 50
McIntire, Burris.	Attendant.	1	8		31 67	
McIntyre, Agnes.	do.	2	11			58 87
McIntyre, Isabelle.	do.	2	11			58 06
McKendry, Frank.	do.	2	4		52 82	
McKenzie, Ethyl.	do.		10			8 06
McLain, Nellie.	do.	22	15		380 30	400 33
McLaughlin, J. H.	Policeman.		15		36 29	
McMabel, Zela.	Attendant.		29		18 43	
McMahon, Bessie.	do.		12			33 87
McMahon, Madeline.	do.	23	11		361 48	357 41
McMahon, Robt.	Policeman.	1			75 00	
McNaughton, Bridget.	Domestic.	23	16		365 00	401 03
McNichols, A. H.	Mattress maker.			3,300	1,381 90	1,189 80
McNichols, Hannah.	Attendant.	23	29		398 00	417 70
McNichols, Mary.	do.	23	29		478 67	480 00
McNulty, Bertha.	do.	21	21		291 09	378 15
Maager, Chas.	Carpenter.			4,472	1,440 00	1,567 80
Maccia, Paul.	Laborer.		24			6 00
Maguire, F. J.	Attendant.	23	24		360 78	420 00
Maier, Sarah.	do.	23	15		480 00	459 28
Mahoney, Katherine.	do.	1	1			25 10
Malcolm, Harry.	do.	15	22		94 17	322 26
Malcolm, Roscoe.	do.	2	5			54 03
Malee, Jno.	Laborer.		2	88	44 00	
Maline, Agnes.	Attendant.		2		1 33	
Mandeloff, Ida.	do.	5	18			140 00
Mangan, Jane.	do.	11	28			308 66
Mannen, Leslie.	do.	9	27		15 00	264 49
Marengo, L.	Cook.	17	10		286 12	576 46
Maroney, Mary.	Attendant.	4	20		93 33	
Marquess, Fred.	do.	7	8		183 94	
Marquess, Herbert.	do.	9	3		248 84	
Marsh, Chas. F.	do.	1	5		29 03	
Marshall, Etta.	do.	1	2			25 80
Martin, Adelaide.	do.	3	29		78 71	

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Martin, Glenn.....	Attendant.....	6	9		\$ 185 01	
Martin, Margaret.....	Domestic.....	23	10		351 48	\$ 411 87
Martino, Otilio.....	Attendant.....		9			7 50
Marzo, Frank.....	do.....	6	1		165 91	
Maston, M. S.....	Stationary engineer.....	6	25		799 50	
Mathis, Ora.....	Attendant.....	23	29		300 39	355 12
Maurice, Edward.....	do.....	16	14		319 44	142 72
Meade, Geo.....	Re-imbursing investigator.....	1	10		133 33	
Means, Henry.....	Attendant.....	23	22		341 60	381 58
Means, Mary Hurdle.....	do.....	23	19		273 36	363 44
Meighan, Jos.....	do.....	2	24			69 72
Menard, Ella.....	do.....		5		4 83	
Mendelsohn, J. J.....	Assistant physician and physician.....	2	5		249 84	
Menzenberger, Nellie.....	Attendant.....	2	23			67 99
Meredith, Helen.....	Bookkeeper.....	24			1,298 87	1,329 00
Merkl, Anna.....	Attendant.....	1			20 00	
Merkl, Fred.....	Cook.....	1			50 00	
Merriman, Clifton.....	Attendant.....		16			13 33
Meyer, Catherine.....	do.....	23	25		416 61	414 20
Meyer, Henry.....	do.....	7	11			186 48
Meyers, Kate.....	Assistant housekeeper.....	23	21		365 00	412 10
Meyers, Lizzie.....	Domestic.....	17	6		166 43	424 45
Miato, Myrtle.....	Attendant.....	4	16			112 07
Michael, Chas.....	do.....	5	12		133 87	
Milarski, Kate.....	do.....	11	1		11 33	253 10
Miles, Harry.....	Plumber.....			196	144 00	
Miles, Philip.....	Attendant.....		10		8 67	
Miller, Carmon.....	do.....	2	13			60 48
Miller, C. J.....	do.....			119		40 22
Miller, Daisy.....	do.....		3			2 50
Miller, J. R.....	do.....		9			7 50
Miller, Frank.....	do.....		28		31 55	
Miller, Myra.....	Attendant and domestic.....	2	10		46 49	
Miller, Sarah.....	do.....	2	14		49 51	
Milliken, Annie.....	do.....	15	13		382 73	121 94
Millis.....	do.....	4	26			119 33
Millspaugh, Inez.....	do.....	7	6		43 71	130 48
Mirosovsky, Geo.....	do.....	1	16		41 28	
Mitchell, Lula.....	do.....	1	20		41 34	
Metz, Tony.....	do.....		6		7 40	
Monahan, Arthur.....	do.....		18			14 70
Montekey, C. A.....	do.....	3	5			79 17
Montekey, Grace.....	do.....	3	19			90 02
Moore, Blanche.....	do.....	4	16			113 28
Moody, Bess.....	do.....		27			21 94
Morgan, John.....	Fireman.....					12 00
Morley, Jno. P.....	Attendant.....	1	8		31 59	
Morrow, Rosella.....	do.....	5	16			148 49
Morton, Jean.....	do.....	21	21		256 87	294 78
Moss, Naomi.....	do.....	1	29			49 17
Mostyn, Jno.....	do.....	23	26		386 80	444 00
Motsinger, Ernest.....	do.....	3	26			95 05
Moyers, Bertha.....	do.....	1	19			40 70
Moyers, Carl.....	Laborer and cook.....	23	17		448 00	575 81
Mueller, Blanche Caler.....	Attendant.....	7	27			197 85
Mueller, Clara.....	do.....	13	5		38 68	424 00
Mueller, Emma.....	Domestic.....	4	27		82 46	40 54
Mueller, H. T.....	Attendant.....	3	12			85 00
Mueller, Holdine.....	Domestic.....	4	3			104 71
Mueller, Jno.....	Attendant.....	24			588 00	588 00
Mueller, Lawrence.....	do.....	1	25		63 03	
Mueller, Louis.....	Laborer.....	24			395 00	540 00
Mueller, Martin J.....	Attendant.....	4	5		140 57	
Mueller, R. A.....	do.....	14	29		189 97	341 12
Mulhern, G. F.....	Electrician.....			4,383	1,678 50	1,725 94
Mullaney, Margaret.....	Attendant.....	1	14			36 29
Mullaney, Sadie.....	do.....	24	2		392 50	420 00
Mullen, Ellen.....	do.....	17			116 33	31 29
Mummery, Lillian.....	do.....	13	18		257 00	74 83
Munsell, Sarah.....	do.....	1	23			43 55
Murphy, A. J.....	Machinist helper.....			320	135 80	
Murphy, Dennis.....	Attendant.....	4	9			107 23
Murphy, Jas. L.....	do.....	12	28		25 00	313 38
Murphy, Jeremiah.....	Fireman.....	23	9		1,019 03	1,077 00
Murphy, Mary A.....	Attendant.....	23	26		242 46	348 26

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Murphy, Mary T.	Attendant.	13	19		\$ 46 87	\$ 307 84
Murphy, P. J.	Plumber.	24			1,872 00	1,872 00
Murphy, Peter J.	Attendant.	21	28		252 56	357 50
Murtaugh, Jno.	do.	23	12 $\frac{1}{2}$		305 66	360 86
Muth, Charlotte.	do.	2	28			72 52
Neifing, Christina.	do.	11	12			393 51
Nelson, Doris.	do.	6	19		149 25	
Nesselrodt, Harris.	do.	3			24 98	50 00
Newman, Leo.	do.	3	10		54 01	29 17
Nicoletti, Genero.	Tailor.	24			729 00	828 00
Niedemhoefer, Henry.	Attendant.	5	14		135 38	
Niehause, Mirah.	Attendant.	3	24			129 20
Niehause, Pearl.	do.	9	3 $\frac{1}{2}$			313 69
Nolan, Marion.	do.	21	11		286 21	353 44
Nordquist, Elsie.	Domestic.	6	6 $\frac{1}{2}$		139 88	
Norman, G. L.	Attendant.	4	21 $\frac{1}{2}$		117 49	
Norris, Marie.	do.	2	15			61 07
O'Brien, Jas.	Painter.			1,478	1,012 00	
O'Brien, Nellie.	Domestic.	24			418 00	528 00
O'Connell, Mary.	Attendant.	17	7		111 67	327 64
O'Connor, Gus.	Plumber.			1,831 $\frac{1}{2}$	981 85	375 98
O'Day, J. F.	Laborer.	5	26 $\frac{1}{2}$		148 02	
O'Farrell, Jno.	Attendant.	11	24		22 50	288 03
O'Farrell, Michael.	do.	3	16		63 65	22 58
Off, Mabel.	do.	7	5		212 85	3 63
O'Gara, Roy.	do.	3	28		110 14	
O'Gorman, Minnie.	do.	23	29		310 00	417 74
O'Hara, Chas.	Laborer.	14	9		99 27	416 37
O'Keefe, Jno.	Attendant.	23	23		501 24	495 54
Oldham, Edward.	do.	1	11			9 17
Olson, Edward.	do.	1	10		44 23	
Olson, Ingeborg.	Fancy work teacher.	15	16		639 84	211 13
O'Mahoney, Mae.	Attendant.	6	19 $\frac{1}{2}$		151 89	51 40
Oman, Olga.	do.	4	10		72 89	65 77
O'Neill, A. T.	Steam fitter's helper.	4	28	1,854	323 50	1,099 71
O'Regan, James.	Laborer.	24			420 00	561 00
Orenstein, Jack.	Attendant.	1	20		32 26	8 87
Osborn, Jno.	do.	3	13		84 67	
Ott, Frank.	Machinist.			3,589 $\frac{1}{2}$	1,403 13	1,054 96
Otten, W. H.	Attendant.	3	29		26 61	71 53
Ozment, Hubert.	do.	2	13			60 48
Pallisard, Verne.	Stenographer.	17	8		241 50	593 76
Palmer, Henry.	Attendant.		14		11 29	
Paret, Theodore.	do.	1	16		38 33	
Parks, Mary.	do.	2	1		40 65	
Parks, Verda.	do.		12		8 00	
Paterson, Martin.	do.	13	5		185 03	159 32
Pauly, Henry.	do.		14		15 35	
Pearson, Hans.	Plasterer.			412		309 00
Pehl, Louise.	Attendant.		27			21 85
Penny, James.	Steam fitter.	10	10 $\frac{1}{2}$	2,291	1,745 23	1,563 10
Perry, Florence.	Attendant.	11	6		4 93	412 77
Perry, Iva.	do.	2	19			81 00
Pershon, Richard.	do.	2	11		60 65	
Peterson, Beulah.	Stenographer.	22	23		782 90	774 77
Peterson, Gustav.	Painter.			364	249 40	
Peterson, Joe.	Attendant.	24			387 00	446 00
Peterson, Marie.	do.	11	29		295 02	420 00
Petters, Anna.	do.		32		14 36	
Petty, J. D.	do.	2	12			59 65
Peyton, J. G.	do.	2	20		62 66	3 23
Phelps, L. H.	do.		8			6 67
Phillips, Avah.	Supervising nurse.	19	11 $\frac{1}{2}$		689 39	499 74
Phillips, Frances.	Attendant.	15				12 10
Phillips, J. V.	do.	2	14		61 69	
Phillips, Thos.	Cook.	2	24		138 71	
Pierce, Callie Stewart.	Attendant and nurse.	12	1		313 49	20 65
Pierce, Otto.	Attendant.	6			149 19	
Pierce, Robert.	do.	5	17		137 85	
Pierce, Wm. J.	do.		14		11 29	
Pierson, Mathilda.	do.	1	21			57 00
Pollock, Orea.	do.	5	24			143 63
Pope, Nellie.	do.	3	24			95 00
Post, Edith.	Domestic.	9	3			312 27
Potrekus, Clara.	Attendant.	8	22		8 33	213 33
Potrekus, Jeannette.	do.		13			10 83

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Potrekus, Paulina.	Attendant	2	21		\$ 77 81	
Powell, Theresa.	do.		3			\$ 2 42
Powers, Harriet.	do.	11	10		78 81	191 01
Prabuck, Frank.	Carpenter.			80	56 00	
Predergast, Thos.	Building inspector		24		117 58	
Pressnell, E. C.	Attendant	22	3		277 83	273 00
Presson, Lora.	do.		4			3 33
Printen, W. J.	do.	9	14			254 29
Protsman, H. G.	Painter.			184	125 80	
Quinlan, Wm.	Attendant	12				312 00
Quinn, Jno.	do.	12	2		2 50	311 10
Quinn, Peter.	Carpenter.			1,296	536 40	333 20
Quirk, L. F.	Re-imbursing investigator.	24			1,205 00	1,310 00
Ragan, Anna.	Attendant	12	1		84 01	290 06
Regan, Mary.	do.	8	18		224 56	36 08
Ragland, Pansy.	do.	4	19			116 55
Rahn, Fred.	Carpenter.			828	534 90	
Ralph, A. S.	Attendant	23	19		363 00	401 29
Ralph, Janie.	do.	24			330 50	412 00
Randolph, Ruth.	do.	2	15			61 29
Rasmussen, A.	do.	7	8		112 91	68 49
Rea, R. H.	Physician.	22	20		1,700 00	1,695 97
Read, C. F.	Assistant superintendent.	6			1,145 00	
Reardon, J. J.	Attendant		17		13 87	
Reckrodt, Jno.	Carpenter.	23	29		1,628 40	1,665 83
Reckrodt, Wm.	Attendant	8	26			305 24
Reed, Edna.	do.	16	17		136 50	356 47
Reed, Ruth.	do.	1	10			33 06
Reese, C. A.	do.	2	15			62 10
Reese, Jewel.	do.	2	18			64 52
Regan, Elizabeth.	Dressmaker.	24			604 00	663 00
Reich, Wm.	Attendant		7			5 65
Reid, W. L.	do.	5	10		163 06	
Reimers, Dorothy.	do.	12	10		293 65	16 00
Reynolds, Bert.	do.	4	9			129 45
Reynolds, Flora.	do.	18	21		223 97	419 94
Rhode, J. J.	Fireman.	14	20		876 39	437 68
Rice, Anna.	Attendant.	23	28		256 10	368 97
Rice, Ida.	do.	21	3		212 55	285 32
Rice, Michael.	do.	7	8		188 54	
Richardson, Harry.	do.	5	29		158 23	
Richardson, Jean.	do.		2		1 43	
Richter, Hugo.	Butcher.	1	23			107 86
Rickard, Fay.	Attendant.	2	6			54 78
Riebandt, Lizzie.	Domestic.	5	29			201 73
Riefenberg, Louise.	Attendant.		15		14 50	
Rierdon, Ed.	Painter.			332	227 40	
Ring, Herman.	Attendant.		20½		17 09	
Ring, James.	do.	17	29		259 01	243 60
Riseling, Nell.	do.		7			5 83
Roberson, Blanche.	do.	14	15		60 48	312 49
Roberts, Wm. Lee.	do.	6	25		130 02	41 20
Rodstol, Anders.	do.	4	29			123 39
Roe, Maggie.	do.	9	15		91 45	133 76
Roeder, Ruth.	do.	8	22			220 06
Roehrich, Charlie.	Baker.		9			22 06
Roland, Isabelle.	Attendant.	1	12		39 76	
Roll, Mabel.	do.		3			2 42
Rondeau, Jos. W.	do.	1	11		44 97	
Rooney, Thos.	do.	3	7		80 56	
Rose, Chas.	do.	7	9		194 56	
Rose, Clarence.	do.	8	12		282 40	
Rose, Cleonora.	do.	6		3	130 71	
Rose, Jno.	do.	18	15		165 14	338 97
Rose, Maggie.	do.	23	3		352 50	469 40
Rose, Manning.	do.	19	28½		368 49	314 50
Rosenblott, Hannah.	do.	1	7		33 25	
Rosenfield, Albert.	do.	3	4		105 25	
Rostol, Annie.	Domestic.	1			29 00	
Rostol, Gerard.	Sewerman.	24			780 00	804 00
Rostol, Paulina.	Domestic.	23	15		450 30	422 32
Rubier, H. S.	Attendant and nurse.	22	22		321 92	484 67
Ruffin, Nelson D.	Attendant.		12			10 00
Rupperi, Jos. P.	do.		1		83	
Russell, Dora.	do.	2	18		51 61	
Russell, Lynn.	do.	12	19		283 35	37 70

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Murphy, Mary T.	Attendant.	13	19	.....	\$ 46 87	\$ 307 84
Murphy, P. J.	Plumber.	24	.....	.....	1,872 00	1,872 00
Murphy, Peter J.	Attendant.	21	25	.....	252 56	357 50
Murtaugh, Jno.	do.	23	12	.....	305 66	360 86
Muth, Charlotte	do.	2	25	.....	.....	72 52
Neifing, Christina.	do.	11	12	.....	.....	393 51
Nelson, Doris.	do.	6	19	.....	149 25	.....
Nesselrodt, Harris	do.	3	.....	.....	24 98	50 00
Newman, Leo.	do.	3	10	.....	54 01	29 17
Nicoletti, Genero.	Tailor.	24	.....	.....	729 00	828 00
Niedemhoefer, Henry.	Attendant.	5	14	.....	135 38	.....
Niehause, Mirah.	Attendant.	3	24	.....	.....	129 20
Niehause, Pearl.	do.	9	3	.....	.....	313 69
Nolan, Marion.	do.	21	11	.....	286 21	353 44
Nordquist, Elsie.	Domestic.	6	6	.....	139 88	.....
Norman, G. L.	Attendant.	4	21	.....	117 49	.....
Norris, Marie.	do.	2	15	.....	.....	61 07
O'Brien, Jas.	Painter.	.....	.....	1,478	1,012 00	.....
O'Brien, Nellie.	Domestic.	24	.....	.....	418 00	528 00
O'Connell, Mary	Attendant.	17	7	.....	111 67	327 64
O'Connor, Gus.	Plumber.	.....	.....	1,831	981 85	375 98
O'Day, J. F.	Laborer.	5	26	.....	148 02	.....
O'Farrell, Jno.	Attendant.	11	24	.....	22 50	288 03
O'Farrell, Michael	do.	3	16	.....	63 65	22 58
Off, Mabel.	do.	7	5	.....	212 85	3 63
O'Gara, Roy.	do.	3	28	.....	110 14	.....
O'Gorman, Minnie.	do.	23	29	.....	310 00	417 74
O'Hara, Chas.	Laborer.	14	9	.....	99 27	416 37
O'Keefe, Jno.	Attendant.	23	23	.....	501 24	495 54
Oldham, Edward.	do.	.....	11	.....	.....	9 17
Olson, Edward.	do.	1	10	.....	44 23	.....
Olson, Ingeborg.	Fancy work teacher.	15	16	.....	639 84	211 13
O'Mahoney, Mae.	Attendant.	6	19	.....	151 89	51 40
Oman, Olga.	do.	4	10	.....	72 89	65 77
O'Neill, A. T.	Steam fitter's helper.	4	28	.....	323 50	1,099 71
O'Regan, James.	Laborer.	24	.....	.....	420 00	561 00
Orenstein, Jack.	Attendant.	.....	20	.....	32 26	8 87
Osborn, Jno.	do.	3	13	.....	84 67	.....
Ott, Frank.	Machinist.	.....	.....	3,589	1,403 13	1,054 96
Otten, W. H.	Attendant.	3	29	.....	26 61	71 53
Ozment, Hubert.	do.	2	13	.....	.....	60 48
Pallisard, Verne.	Stenographer.	17	8	.....	241 50	593 76
Palmer, Henry.	Attendant.	.....	14	.....	11 29	.....
Paret, Theodore.	do.	1	16	.....	38 33	.....
Parks, Mary.	do.	2	1	.....	40 65	.....
Parks, Verda.	do.	.....	12	.....	8 00	.....
Paterson, Martin.	do.	13	5	.....	185 03	159 32
Pauly, Henry.	do.	.....	14	.....	15 35	.....
Pearson, Hans.	Plasterer.	.....	.....	412	.....	309 00
Pehl, Louise.	Attendant.	.....	27	.....	.....	21 85
Penny, James.	Steam fitter.	10	10	.....	2,291	1,563 10
Perry, Florence.	Attendant.	11	6	.....	4 93	412 77
Perry, Iva.	do.	2	19	.....	.....	81 00
Pershon, Richard.	do.	2	11	.....	60 65	.....
Peterson, Beulah.	Stenographer.	22	23	.....	782 90	774 77
Peterson, Gustav.	Painter.	.....	.....	364	249 40	.....
Peterson, Joe.	Attendant.	24	.....	.....	387 00	446 00
Peterson, Marie.	do.	11	29	.....	295 02	420 00
Peters, Anna.	do.	.....	32	.....	14 36	.....
Petty, J. D.	do.	2	12	.....	.....	59 65
Peyton, J. G.	do.	2	20	.....	62 66	3 23
Phelps, L. H.	do.	.....	8	.....	.....	6 67
Phillips, A. vah.	Supervising nurse.	19	11	.....	689 39	499 74
Phillips, Frances.	Attendant.	.....	15	.....	.....	12 10
Phillips, J. V.	do.	2	14	.....	61 69	.....
Phillips, Thos.	Cook.	2	24	.....	138 71	.....
Pierce, Callie Stewart.	Attendant and nurse.	12	1	.....	313 49	20 65
Pierce, Otto.	Attendant.	6	.....	.....	149 19	.....
Pierce, Robert.	do.	5	17	.....	187 85	.....
Pierce, Wm. J.	do.	.....	14	.....	11 29	.....
Pierson, Mathilda.	do.	1	21	.....	.....	57 00
Pollock, Orea.	do.	5	24	.....	.....	143 63
Pope, Nellie.	do.	3	24	.....	.....	95 00
Post, Edith.	Domestic.	9	.....	.....	.....	312 27
Potrekus, Clara.	Attendant.	8	22	.....	8 33	213 33
Potrekus, Jeannette.	do.	.....	13	.....	.....	10 83

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Potrekus, Paulina	Attendant	2	21		\$ 77 81	
Powell, Theresa	do.		3			\$ 2 42
Powers, Harriet	do.	11	10		78 81	191 01
Prabuck, Frank	Carpenter			80	56 00	
Predergast, Thos.	Building Inspector		24		117 58	
Presnell, E. C.	Attendant	22	3		277 83	273 00
Presson, Lora	do.		4			3 33
Printen, W. J.	do.	9	14			254 29
Protsman, H. G.	Painter			184	125 80	
Quinlan, Wm.	Attendant	12				312 00
Quinn, Jno.	do.	12	2		2 50	311 10
Quinn, Peter	Carpenter			1,296	536 40	333 20
Quirk, L. F.	Reimbursing investigator	24			1,205 00	1,310 00
Ragan, Anna	Attendant	12	1		84 01	290 06
Regan, Mary	do.	8	18		224 56	36 08
Regland, Pansy	do.	4	19			116 55
Rahn, Fred	Carpenter			828	534 90	
Ralph, A. S.	Attendant	23	19		363 00	401 29
Ralph, Janie	do.	24			330 50	412 00
Randolph, Ruth	do.	2	15			61 29
Rasmussen, A.	do.	7	8		112 91	68 49
Rea, R. H.	Physician	22	20		1,700 00	1,695 97
Read, C. F.	Assistant superintendent	6			1,145 00	
Reardon, J. J.	Attendant		17		13 87	
Reckrodt, Jno.	Carpenter	23	29		1,628 40	1,665 83
Reckrodt, Wm.	Attendant	8	26			305 24
Reed, Edna	do.	16	17		136 50	356 47
Reed, Ruth	do.	1	10			33 06
Reese, C. A.	do.	2	15			62 10
Reese, Jewel	do.	2	18			64 52
Regan, Elizabeth	Dressmaker	24			604 00	663 00
Reich, Wm.	Attendant		7			5 65
Reid, W. L.	do.	5	10		163 06	
Reimers, Dorothy	do.	12	10		293 65	16 00
Reynolds, Bert	do.	4	9			129 45
Reynolds, Flora	do.	18	21		223 97	419 94
Rhode, J. J.	Fireman	14	20		876 39	437 68
Rice, Anna	Attendant	23	28		256 10	368 97
Rice, Ida	do.	21	3		212 55	285 32
Rice, Michael	do.	7	8		188 54	
Richardson, Harry	do.	5	29		158 23	
Richardson, Jean	do.		2		1 43	
Richter, Hugo	Butcher	1	23			107 86
Rickard, Fay	Attendant	2	6			54 78
Riebandt, Lizzie	Domestic	5	29			201 73
Riefenberg, Louise	Attendant		15		14 50	
Rierdon, Ed	Painter			332	227 40	
Ring, Herman	Attendant		20½		17 09	
Ring, James	do.	17	29		259 01	243 60
Riseling, Nell	do.		7			5 83
Roberson, Blanche	do.	14	15		60 48	312 49
Roberts, Wm. Lee	do.	6	25		130 02	41 20
Rodstol, Anders	do.	4	29			123 39
Roe, Maggie	do.	9	15		91 45	133 76
Roeder, Ruth	do.	8	22			220 06
Roehrich, Charlie	Baker		9			22 06
Roland, Isabelle	Attendant	1	12		39 76	
Roll, Mabel	do.		3			2 42
Rondeau, Jos. W.	do.	1	11		44 97	
Rooney, Thos.	do.	3	7		80 56	
Rose, Chas.	do.	7	9		194 56	
Rose, Clarence	do.	8	12		282 40	
Rose, Cleonora	do.	6		3	130 71	
Rose, Jno.	do.	18	15		165 14	338 97
Rose, Maggie	do.	23	3		352 50	469 40
Rose, Manning	do.	19	28½		368 49	314 50
Rosenblott, Hannah	do.	1	7		33 25	
Rosenfield, Albert	do.	3	4		105 25	
Rostol, Annie	Domestic	1			29 00	
Rostol, Gerard	Sewer man	24			780 00	804 00
Rostol, Paulina	Domestic	23	15		450 30	422 32
Rubier, H. S.	Attendant and nurse	22	22		321 92	484 67
Ruffin, Nelson D.	Attendant		12			10 00
Ruppert, Jos. P.	do.		1		83	
Russell, Dora	do.	2	18		51 61	
Russell, Lynn	do.	12	19		283 35	37 70

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Russell, Nona.....	Attendant.....	2	13	.....	.....	\$ 60 43
Ryan, Jas.....	do.....	24	.....	.....	\$ 478 71	478 71
Ryan, J. E.....	do.....	2	5	.....	53 37	.....
Salensky, Lucy.....	do.....	5	11	.....	.....	133 39
Sangerman, Albert.....	do.....	16	8	.....	144 77	434 77
Santee, F. G.....	Attendant and manual training teacher.....	22	4	.....	320 33	570 00
Saretzky, Mary.....	Nurse.....	22	5	.....	523 02	547 16
Sass, Margaret.....	Cook.....	23	23½	.....	601 67	666 54
Sawyer, J. S.....	do.....	2	7	.....	110 83	1 61
Sawyer, Lillian.....	Attendant.....	23	4	.....	240 81	359 19
Scanlon, Jno.....	Policeman.....	26	.....	.....	63 79	.....
Schalk, Louis A.....	Attendant.....	27	.....	.....	22 50	.....
Scharnhorst, Anna.....	Domestic.....	4	.....	.....	.....	3 61
Scharnhorst, A. L.....	Attendant.....	15	15	.....	120 13	430 73
Schippers, J. W.....	Baker.....	24	.....	.....	1,089 00	1,200 00
Schippers, Peter.....	Assistant baker.....	24	.....	.....	792 00	912 00
Schlechte, August.....	Minister.....	24	.....	.....	240 00	240 00
Schmidt, Rudolph.....	Laborer.....	4	17	.....	136 45	.....
Schmus, Winona.....	Stenographer.....	1	29	.....	.....	110 39
Schneider, Mattie.....	Attendant.....	4	9	.....	.....	105 54
Schneider, Sol.....	Tinsmith.....	24	.....	.....	720 00	720 00
Schuenemann, Jno.....	Carpenter.....	.....	.....	4,490	1,446 90	1,573 40
Schuette, Augusta.....	Attendant.....	18	.....	.....	187 21	432 13
Schultz, Paul.....	do.....	2	18	.....	.....	63 71
Schuster, Margaret.....	Domestic.....	2	10	.....	.....	77 80
Schwartz, Jessie.....	do.....	8	21½	.....	.....	249 59
Schwartz, Jno.....	Fireman and repairman and stationary engineer.....	23	12	.....	999 65	1,151 53
Schwartz, Louis.....	Policeman.....	21	.....	.....	51 69	.....
Schwartz, Wm.....	Policeman and attendant.....	23	23	.....	719 58	1,033 00
Schwarz, Henry.....	Attendant.....	17	23	.....	428 58	243 16
Schweisow, Kate.....	do.....	4	20	.....	.....	156 73
Schweisow, Louis.....	Attendant, laborer.....	17	10	.....	199 73	538 54
Scott, Anna.....	Attendant.....	23	23	.....	413 07	416 53
Selof, Concordia.....	do.....	21	5	.....	430 21	352 92
Shanski, S. J.....	do.....	1	10	.....	32 25	240 52
Shaw, Edgar.....	do.....	4	.....	.....	100 29	.....
Shaw, Laura.....	do.....	.....	10	.....	6 45	.....
Shaw, Madge.....	do.....	11	17	.....	.....	296 98
Shaw, Mary.....	Attendant and nurse.....	22	29	.....	275 29	376 67
Shea, Nellie.....	Attendant.....	.....	1	.....	.....	81
Shealy, Roger.....	Policeman.....	24	.....	.....	914 00	1,113 00
Sheehan, Chas.....	Steam fitter's helper.....	4	25	2,913	987 95	931 90
Shelton, Clara.....	Attendant.....	12	29	.....	39 19	296 65
Shennan, Robina.....	do.....	7	7	.....	.....	182 22
Sheppard, Jno.....	do.....	7	2	.....	177 31	.....
Sherman, Margaret.....	Domestic and housekeeper.....	23	10½	.....	540 06	472 02
Sherman, W. P.....	Attendant.....	17	24	.....	461 58	308 18
Shevlin, Rose.....	do.....	.....	21	.....	.....	17 40
Shields, Chas.....	do.....	18	.....	.....	314 00	180 00
Sidener, Charlotte Mmer.....	do.....	8	11	.....	186 87	.....
Sidener, Orrin.....	do.....	5	29	.....	169 13	.....
Sims, Lulu.....	do.....	.....	9	.....	.....	7 50
Simms, P. J.....	Cook.....	1	7½	.....	28 67	20 65
Simson, Lily.....	Attendant.....	.....	1	.....	65	.....
Singrey, Blanche.....	do.....	.....	1	.....	.....	81
Slagle, H. J.....	Property and economy officer.....	1	.....	.....	.....	100 00
Sloan, A. C.....	Chief clerk.....	6	.....	.....	750 00	.....
Slocum, Chas. E.....	Inspector of boilers.....	1	.....	.....	150 00	.....
Smith, Alice M.....	Interne and assistant physician.....	9	19	.....	874 63	.....
Smith, Allie.....	Attendant.....	2	1	.....	.....	50 81
Smith, Charlotte.....	Domestic.....	23	25	.....	320 00	413 15
Smith, Elda.....	Attendant.....	.....	28	.....	.....	23 06
Smith, Everette.....	do.....	22	1	.....	287 01	364 86
Smith, Gertrude.....	do.....	21	6	.....	221 99	328 94
Smith, Harriet.....	do.....	3	20	.....	88 63	.....
Smith, H. J.....	Assistant superintendent.....	13	.....	.....	1,088 30	1,360 00
Smith, J. Y.....	Attendant, fireman, laborer.....	22	13	.....	394 06	526 00
Smith, Louis.....	Attendant.....	10	16	.....	271 93	.....
Smith, Mabel.....	do.....	1	6	.....	24 00	.....
Smith, Nellie.....	do.....	7	27	.....	171 38	.....
Smith, Nora.....	do.....	10	13½	.....	217 55	.....
Smith, Pauline.....	Domestic.....	13	27	.....	69 55	411 42

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Smith, Sarah	Attendant	1	21			\$ 41 94
Smith, W. J.	Attendant and laborer	9	24			397 01
Sneddon, Jno. B.	Attendant		25		\$ 20 16	
Sobocinski, Carrie	do.	8	13		245 34	
Soderberg, Frank	Carpenter			80	56 00	
Sorandes, J. H.	Attendant		29			32 12
Southwell, Jas.	Stationary engineer	17	17		651 30	1,438 64
Spang, Frank	Attendant	7	1		135 86	39 04
Sparrow, Carolyn	do.	6	15 $\frac{1}{2}$			162 38
Spence, Anna	do.		10		4 17	4 03
Sperling, August	Butcher		18			34 26
Sperling, Theresa	Attendant	1	5			28 95
Spochek, Jno.	Baker	1	7		80 05	
Staabs, Hattie	Attendant	2	17		78 31	374 98
Staba, S.	Laborer		1		83	
Stacy, J. W.	Attendant	1	4		28 33	
Stadler, Myrtle	do.	2	11			71 58
Stang, Margaret	Nurse	23	27		482 13	556 40
Steele, Bertha	Attendant and nurse	21	8		287 77	356 38
Stein, Mayme	Attendant		15		9 68	
Stephenson, Horace	do.	5	16		4 17	133 87
Stephenson, Jno.	do.	1	17		39 17	
Stevens, Birdie	do.	4	1 $\frac{1}{2}$		94 86	
Stevens, Raymond	do.	1	12		38 50	
Stevenson, Martha	Domestic	2	8		51 20	
Stevenson, Sam	Cook	5	12 $\frac{1}{2}$		135 35	96 30
Still, Edwin	Attendant	23	23		312 00	351 86
Stock, Hattie Mann	do.	23	29		256 29	379 73
Stock, Herman	do.	21	10		305 22	284 00
Stoeckle, Annie	do.	13	17		82 49	239 51
Stohr, S. C.	Carpenter			308	210 90	
Stokes, Joe	Attendant		16			13 33
Stoll, Lucretia	do.	14	12		215 67	141 54
Stoyer, Frank	Carpenter			122 $\frac{1}{2}$	85 75	
Stuart, Katherine	Attendant	23	28		274 81	371 93
Stypulkowski, Vera	do.		4		2 67	
Sullivan, D. L.	do.	23	28		420 00	417 67
Sullivan, Nellie	do.	1			24 19	
Susanbeck, Anthony	do.	1	4		28 33	
Sutter, C. J.	Superintendent of construction				400 00	238 70
Sutter, Wm. H.	Attendant	7	10		142 50	41 29
Swanson, Chas. A.	do.	5	3			127 50
Swanson, Frank E.	do.		11			8 87
Sweetman, Jas.	Iron worker			168	115 50	
Swendsen, Edward	Attendant	5	27			145 29
Swendsen, Lizzie	do.	22	28		406 98	485 50
Swick, Sadie	do.	2	16			62 90
Taggart, Mary E.	do.		10		9 67	
Taylor, Andrew	do.	9	19			246 32
Taylor, Delo	do.	11	19			300 32
Taylor, Estelle	Domestic	5	5		154 83	429 14
Taylor, Margaret	Attendant		4			3 33
Taylor, Wallace	Cook	6	28 $\frac{1}{2}$		278 07	
Tegel, Stephen	Attendant	11			340 00	
Tefens, Richard	Fireman	23	10		986 85	1,068 29
Theisen, Ambrose	Attendant	4	29		123 39	
Theisen, Geo.	do.	6	24		171 90	
Thomas, Grace	do.	7	17		60 24	120 14
Thomas, Kathryn	Attendant and nurse	23	12		444 26	470 17
Thomas, Roy	Attendant	4	11			109 20
Thompson, Anna	do.		12			10 00
Thompson, Helen	do.	2	15			62 10
Thompson, Isabell	do.	16	18		5 67	401 51
Thorson, Ella	Domestic		29		27 13	
Thorwell, Alice	Domestic	22	14		275 75	351 27
Tierman, Bernard	Attendant	18	2		288 47	226 06
Tisue, Frances	Stenographer	24			720 00	720 00
Tobin, Richard	Attendant	1	8		31 05	
Tobin, Thos. J.	Steam fitter's helper			104	48 80	2 00
Toler, E. L.	Supervising nurse	24			724 00	786 00
Toler, Luc	Attendant	6	26		173 58	
Toler, Luc	Supervising nurse	23	16		696 00	786 00
Tookey, J. E.	Laborer	3	12		83 87	
Tramel, J. H.	Attendant	2	18			64 52
Tremblay, H. L.	do.	16	4		115 32	313 89

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Tremblay, May.	Attendant.	16	11		\$ 97 26	\$ 318 83
Troviilian, Reid.	do.	2	22			67 74
Tucker, C. E.	Laborer.	24			371 00	507 00
Tuggle, Joseph.	Attendant.		14			11 67
Tunny, A.	Laborer.			88	44 00	
Turley, Fred.	Attendant.		5			4 17
Turley, Jacob.	do.	23	19		307 02	359 26
Tushek, R. H.	Steward.	9	15		758 71	
Tweedy, Bell.	Attendant.	23	22		290 81	413 87
Tweedy, Helen.	Telephone operator.	22	10		374 00	460 16
Udpike, Hugh.	Attendant.	2	26			70 16
Udpike, Luther.	do.	2	27			71 77
Vail, Jno.	do.		25		20 16	
Vancowalker, Victor.	Painter.			368	252 10	
Vancil, Jno.	Attendant.	19	14		399 04	298 44
Vancil, Sina.	Attendant.	19	21		343 54	283 62
Van Keuren, Edwin.	do.	3	25		111 24	
Vennesland, G. O.	do.	2	26		71 67	
Verhines, Fannie.	Cook.	3	12		118 25	
Versema, Lillian.	Attendant.		3		2 81	
Vinson, Harrison.	do.		7			5 83
Wachtel, Hannah.	do.	13	9		33 57	452 20
Wachtel, Isadore.	do.	23	21		447 96	512 00
Wacker, Paul.	do.	16	28		227 53	217 41
Waddell, Sue.	do.	1	11		33 57	
Waffler, Elizabeth.	do.	9	4		22 50	208 90
Waldon, Wm.	do.	2	12		58 87	
Walker, Annette.	do.		21			17 50
Wallace, J. G.	Building inspector.	16	20		1,800 00	700 00
Walsh, D. J.	Attendant.	1	4			27 42
Walsh, Jno.	do.	1	18		40 00	
Walsh, Wm.	do.	14	17		608 90	145 82
Warthoe, Christ.	do.	16	19		234 25	205 41
Watson, Chas. O.	Policeman.		4		10 71	
Watson, Ruby E.	Attendant.		23			18 55
Watt, Dennis.	do.	9	17		57 26	186 20
Watts, Wm. H.	Dentist.	16	2		456 22	1,479 90
Weathersbee, Margaret.	Nurse.	5	13		216 77	
Weide, Clara.	Attendant.	8	11			211 60
Weiss, J. A.	Steam fitter's helper.			190	95 00	
Welky, Edwin.	Attendant.	1	12		35 00	
Wellner, Alexander.	do.	4	8		106 33	
Welsh, Chas.	do.	16	10		206 43	239 00
Welsh, Margaret.	do.	18			171 63	284 68
Wendt, Andrew.	do.	6	5		16 67	192 45
Wendt, Huldah.	do.		27			30 23
Westbrook, Estella.	do.	21	11		194 10	348 00
Wetzel, A. G.	do.	23	29		397 93	442 80
Whalen, James.	Policeman.	17	6		398 92	1,033 00
Whare, Geo.	do.	1	20		40 33	
White, A. T.	do.	23	15		314 00	359 19
White, Chas.	do.	20	21		343 50	292 50
White, Mabelle.	do.	21			286 56	305 89
White, Ninette.	do.	21	2		296 40	420 00
Whittemore, Elsie.	do.		9			7 44
Whittenburg, Loyd.	do.	2	27		71 78	
Whittenberg, Ruby.	do.	3	23		74 90	
Wibblesman, Henry.	Machinist helper.			3,658	916 39	678 13
Wiedemann, Wm.	Attendant.	17	14		192 67	365 87
Wiesen, J. M.	Steam fitter's helper.	5	12 ¹	1,339 ¹	772 62	450 36
Wildies, Ernest.	Laborer, attendant.	2	24		70 42	
Willard, Anna.	Attendant.	8	11			211 28
Willard, G. A.	Clerk.	17	29		1,204 57	710 62
Wille, C. A.	Attendant.	12	27		271 12	68 03
Williams, Fred.	do.	5			10 00	159 53
Wilson, Elizabeth.	do.		2		1 33	
Wilson, Jno. B.	Stationary engineer.			8	4 00	
Wilson, Logan.	Attendant.	7			31 45	152 00
Wilson, Rolla.	do.		8			5 65
Wing, Catherine Hawkins.	do.	20	1 ¹		253 83	244 46
Wing, Leonard.	do.	3	21		91 01	
Wismar, Martha.	do.	21			448 50	547 00
Wisniewski, John.	do.	7	12			186 19
Wolf, Harry C.	do.		1		83	
Wolf, James.	do.	24			371 00	402 93
Wolfe, V. A.	Cook.	3	18		179 03	

Name.	Position.	Term of service.			Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
		Mos.	Days.	Hrs.		
Wolff, Henry.....	Carpenter.....	.....	.....	308	\$ 210 90	.....
Woodward, J. H.....	Attendant.....	.....	13	.....	.....	\$ 10 83
Wright, L. G.....	Interne and assistant physi- cian.....	13	21	.....	1,050 00	170 00
Wright, Monroe.....	Attendant.....	.....	16	.....	3 33	9 68
Wring, Nellie.....	do.....	24	.....	.....	284 00	383 00
Wurst, J. M.....	Carpenter.....	.....	.....	3,598	1,422 20	977 00
Yates, Ivan.....	Attendant.....	.....	29	.....	.....	48 79
Zahmen, Bart.....	Laborer.....	23	5	.....	415 18	514 26
Zdanowski, Sophia.....	Attendant.....	3	26½	.....	.....	95 39
Zenaire, Helen.....	do.....	1	8	.....	25 16	.....
Total.....	.....	.....	.....	.....	\$227,750 59	\$250,120 99

STATEMENT OF EXPENDITURES.

On account of all funds, showing the names of firms and individuals, the total cost of supplies purchased or service rendered during the two years ending September 30, 1916.

Name of firm or individual.	Classification of articles purchased or services rendered.	Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
Aaron & Bros., E. A.....	Food.....	\$ 5,950 52	\$ 8,059 27
Abbott Laboratories.....	Medical supplies.....	.....	3 44
Able Transfer Co.....	Hauling.....	.....	27 60
Ackerman-Johnson Co.....	Expansion bolts, etc.....	.....	15 28
Acme Cracker Co.....	Food.....	386 60	476 76
Acme Feature Film Co.....	Film rental.....	36 50	.....
Acme White Lead & Carbon Works.....	Paints.....	107 50	.....
Adams & Elteng Co.....	Paints, etc.....	13 88	.....
Adams, Fred C.....	Oils.....	150 99	.....
Advance Roofing & Sheet Metal Works.....	Repairing roofs.....	6,662 57	.....
Allen Mfg. Co., W. D.....	Belting.....	47 00	147 38
Allen, W. M. Sons & Co.....	Building contract.....	71,257 00	11,439 32
Alton State Hospital.....	Food.....	83 30	.....
American Can Co.....	Tin cans.....	245 35	312 94
American Contractor.....	Advertising.....	55 65	79 35
American Electrical Supply Co.....	Electrical supplies.....	144 40	.....
American Envelope Co.....	Office supplies.....	.....	8 75
American Journal of Nursing.....	Subscription.....	2 00	2 00
American LaFrance Fire Engine Co.....	Fire extinguishers.....	36 60	96 00
American Laundry Machinery Co.....	Laundry supplies and repairs.....	140 01	130 00
American Plumbing & Heating Co.....	Building contract.....	3,155 00	.....
American Sales Book Co.....	Office supplies.....	25 00	.....
American Steam Pump Co.....	Steam pump.....	440 00	.....
American Turpentine Co.....	Paints, etc.....	.....	151 16
Amole Soap Co.....	Soap.....	13 50	.....
Anchor Packing Co.....	Packing.....	1 50	17 94
A. H. Andrews Co.....	Furniture.....	7 00	27 79
Anna State Hospital.....	Food.....	.....	118 80
A. P. W. Paper Co.....	Toilet paper.....	94 50	23 10
Armour & Co.....	Food.....	13,967 49	16,984 24
Armour Soap Works.....	Soap.....	.....	1,353 39
Arnold Bros.....	Food.....	10,243 41	4,165 81
Art Bedstead Co.....	Furniture.....	2,016 16	.....
Ashford, Jas.....	Traveling expenses.....	.....	5 00
Ashland Mfg. Co.....	Twine.....	.....	2 55
Frank Atass Produce Co.....	Food.....	405 00	491 50
Auer, Ed.....	do.....	.....	20 00
Aurora Beacon Publishing Co.....	Advertising.....	40 25	23 75
Baer Adjusting Window Ventilating Co.....	Window ventilators.....	.....	12 00
Baggett Co., E.....	Building contract, electrical fixtures.....	15,231 00	50 00
Barber, A. H. & Co.....	Food.....	94 05	292 68
Barnard Co., W. W.....	Seeds.....	21 70	.....
Barrett-Christie Co.....	Steam trap.....	.....	12 45
Barrett & McCall.....	Building contract.....	6,025 00	.....
Barron, Jas. S. & Co.....	Dry goods.....	348 31	.....

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1915.	Year end- ing Sept. 30, 1916.
Bartholomoe & Roesing Brewing & Malt- ing Co.	Team horses		\$ 300 00
Barteman Mfg. Co.	Machinery repairs	\$ 4 02	2 73
Belding Basket Co.	Laundry baskets		114 00
Belding Bros. & Co.	Thread		1 80
Bell, Finley F.	Traveling expenses		24 90
Belleville News-Democrat	Advertising and subscription		32 00
Bennett-Dreyer-Buss Belting Co.	Belting	5 58	2 00
Besley & Co., C. H.	Belt lacing	4 42	
Betz, F. S. Co., Inc.	Medical supplies	293 76	626 55
Blatchford Calf Meal Factory	Stock food	1 20	
Blake & Knowles Steam Pump Co.	Steam pump repairs		21 08
Blakeslee, G. S. & Co.	Household supplies		27 00
Bliss, R. D.	Steam fitters' supplies	1 00	
Block & Kuhl	Furniture	719 97	925 57
Bobbe, J. & Co.	Building contract	2,610 00	
Bolas & Co.	Food	12,526 65	17,935 30
Boston Store	Dry goods		360 00
Boyer Steam Soot Blower Co.	Soot blower		280 00
Boylston Steam Specialty Co.	Steam fitting supplies	53 10	52 00
Bradner, Smith & Co.	Office supplies		6 34
Bressmer, Jno., Co.	Dry goods and furniture	28 12	1,848 00
Bristol Co., The	Record ink		1 75
Bristol & Gale Co.	Agricultural implements and sup- plies	165 25	1 90
Brombacher, A. F. & Co.	Brush shears	12 79	
Brotherhood of Railroad Trainmen	Traveling expenses	33 60	
Brunswick, Balke, Collender Co.	Billiard table supplies	1 83	3 59
Buckbee, H. W.	Seeds and plants	486 82	
Bullard & Gormley Co.	Hardware	37 35	99 32
Bunescu, Petre	Harness repairs	17 85	
Burley & Co.	Household supplies	1,697 02	338 84
Burns, Jno. E., Lumber Co.	Lumber	28 74	
Butler Bros.	Dry goods, clothing, etc	213 55	652 15
Butler Paper Co., J. W.	Stationery	92 83	82 32
Callahan-Mandel Co.	Building contract	54,088 75	8,778 30
Cameron, Amberg & Co.	Office supplies	151 37	86 31
Campbell, D. H., Postmaster	Stamps	20 00	45 00
Campbell-Holton Co.	Food	3,481 13	1,389 71
Carmon Laundry Co.	Laundry supplies	68 54	16 35
Carpenter, Geo. B. & Co.	Awnings and hardware	264 95	153 90
Carroll, Thos.	Traveling expenses		18 41
Carson, C. E.	Building contract	72,416 60	17,804 20
Carson, Firie, Scott & Co.	Dry goods, etc	2,805 51	2,076 33
Central City Chemical Co.	Medical supplies	30 45	30 95
Central Electric Co.	Electrical supplies	71 36	308 33
Central Sugar Co.	Food		2,174 40
Central Supply Co.	Engineering supplies	417 61	182 53
Chandler, G. C.	Traveling expenses	24 16	
Channon, H., Co.	Painters supplies	32 50	
Chapman, W. H.	Freight and express	3 25	206 65
Charcoal Supply Co.	Charcoal	26 00	
Charles, Thos. Co.	Rafia	6 45	
Chernavsky, M.	Services of orchestra	900 00	967 00
Chicago & Alton R. R.	Transportation	528 52	
Chicago Bonding & Surety Co.	Bond premiums	58 00	51 25
Chicago Daily Journal	Advertising	138 23	110 56
Chicago Engineer Supply Co.	Engineering supplies	693 01	2,075 11
Chicago Fire Brick Co.	Fire brick	916 10	3 00
Chicago Medical Book Co.	Medical books	26 46	18 87
C., M. & St. P. Ry. Co.	Freight	200 13	198 48
Chicago Oxygen Gas Co.	Medical supplies	4 00	
Chicago Retort & Fire Brick Co.	Fire brick	3 50	
Chicago Telephone Co.	Telephone and telegraph service	1,907 39	1,986 68
Chicago Tribune	Advertising	2 10	
Chicago Tube & Iron Co.	Piping		1,160 22
Child, G. F., Chair & Wheel Co.	Wheel chair repairs		12 00
Childs Sheehan Co.	Food	1,929 60	
Childs, W. F., Co.	do.		2,044 80
Chuse Engine & Mfg. Co.	Power plant contract		11,637 65
City of Chicago	Rental of fire alarm and water meters	129 99	
Civil Service News	Subscription	4 00	1 00
Claffin, H. B., Co.	Dry goods and notions	661 28	
Clark, Horace	Stock food	9 75	
Clark, Wm. & Sons	Needles	38	
Cleary & Co.	Moss	2,056 74	

Name of firm or individual.	Classification of articles purchased or services rendered.	Year ending Sept. 30, 1915.	Year ending Sept. 30, 1916.
Clement, Dr. C. C.	Professional services.		\$ 3 00
Clohesey & Co.	Printing.		34 73
Clow, Jas. B. & Sons.	Plumbing supplies.	\$ 1,037 13	188 06
Cockran, T. H. & Co.	Food.	1,134 00	
Cohn, Eugene, M. D.	Traveling expenses.		7 11
Colburn, Birks & Co.	Medical supplies.	4,392 77	3,578 97
Colnik, C., Mfg. Co.	Bronze tablets.		201 67
Colonial Hospital Supply Co.	Medical supplies.	515 98	187 65
Columbia Rope Co.	Rope.	40 42	
Columbia Soap Co.	Soap.	122 43	
Cumerford, Geo.	Traveling expenses.		226 88
Confectioners & Bakers Supply Co.	Bakery supplies.		23 40
Consolidated Dental Mfg. Co.	Dental supplies.	1 00	
Consumers Co.	Ice and fuel.	39 40	592 26
Cook County Coroner.	Case record.	1 10	
Cook, Martin.	Stock food.	40 38	
Cooper's, Peter, Glue Factory.	Glue.		4 20
Corona Typewriter Sales Co.	Typewriters.		81 00
Courier Publishing Co.	Advertising.	5 50	
Crain Publishing Co.	Subscription.		1 00
Crandall Packing Co.	Packing.	60 21	137 60
Crane Co.	Engineering supplies.	200 85	355 28
Crescent City Moss Ginney.	Moss.	575 00	
Crescent Macaroni & Cracker Co.	Food.	5 33	
Crew-Levick Co.	Cylinder and engine oil.	92 48	61 38
Croake, J. J., Co.	Driveway contract.		2,400 00
Crowley, C. H.	Needles.	28 00	
Crown Dental Laboratory.	Dental supplies.	6 25	3 70
Cudahy Packing Co.	Food.	27,703 83	8,697 24
Cullom Garage.	Automobile repairs.		53 15
Cummings, F. A., Foundry Co.	Range repairs.	81 00	1 40
Cyclone Fence Co.	Fencing.	7,582 55	574 40
Cyphers Incubator Co.	Incubator and stock food.	9 90	30 60
Doemicke, Paul J., Co.	Wagon stuffer.	10 00	
Dallwig, A. C.	Horseshoeing.	22 75	
Danville Morning Press.	Advertising.	8 25	
Davies Supply Co.	Water main.	418 88	399 44
Deahl, H. C.	Live stock.	463 05	
Dee, Wm. E., Co.	Sewer pipe.	87 50	19 50
Dennison Mfg. Co.	Office supplies.		2 23
Dermatological Research Laboratory.	Medical supplies.		7 50
DeVoe & Reynolds Co.	Painters supplies.	75 01	19 30
Diamond Electrical Supply Co.	Electric lights.	568 00	
Diamond Varnish Works.	Paints.	62 50	10 00
Dibelka, J. B.	Architects Comm.	10,965 98	87 02
Dick, A. B., Co.	Office supplies.	8 31	2 06
Diebold Safe & Lock Co.	Changing safe combination.		3 25
Dirksen, A. & Sons.	Furniture.	328 40	168 00
Doering & Son, C.	Food containers.	513 25	
Dominion Chemical Co.	Laundry supplies.		38 98
Ducker, W. T., Co.	Dry goods.	704 54	
Duparquet, Huot & Moneuse Co.	Ranges repaired.	480 81	151 66
Durand & Kasper Co.	Food.	17,097 54	16,487 00
Dwight Bros. Paper Co.	Office supplies.		17 34
Dyniewicz Nursery Co.	Seeds.		19 50
Eames, Jno. C.	Dry goods.	998 34	
East St. Louis Daily Journal.	Advertising.	38 15	3 68
East St. Louis Mail.	Advertising.		9 00
Eberhardt, McArthur Steel Range Co.	Range supplies.		4 13
Economy Fuse & Mfg. Co.	Fuses.	13 75	
Edgar, Thos.	Traveling expenses.		9 04
Edwards & Hancock.	Office supplies.	2 62	
Edwardsville Intelligencer.	Advertising.	9 95	8 45
Eells, F. B.	Office supplies.		16 09
Ehret Magnesia Mfg. Co.	Pipe covering.		174 61
Electrical Review Publishing Co.	Advertising.	5 40	
Electric Rotary Machine Co.	Floor polisher.		204 15
Electrical World.	Advertising.	45 00	
Elgin Courier.	do.	15 00	14 00
Elgin Daily News.	do.		19 75
Elgin National Soap Co.	Soap.	57 00	
Ellis, C. C., M. D.	Travelling expenses.	18 80	14 14
Ender Coal & Coke Co.	Fuel.		5,578 71
Engineering & Contracting.	Advertising.		13 20
Engstrom, C. V.	Shoe shop supplies.	136 78	237 57
Enterprise Paint Mfg. Co.	Paints, etc.	109 00	
Equitable Surety Co.	Bond premium.	10 00	

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1915.	Year end- ing Sept. 30, 1916.
Essley, E. L., Machinery Co.	Machinery	\$ 633 40	
Fairchild, M. H. & Bro.	Soap	24 60	\$ 202 12
Farbwerke-Hoechst Co.	Medical supplies	13 20	
Farley Candy Co.	Candy		48 30
Farmer, L. J.	Seeds		55 00
Farrell & Co.	Repairing mirrors	23 25	35 00
Farwell Co., J. V.	Dry goods, etc.	2,873 43	1,247 97
Faulkner, Clayton R.	Photographs	23 50	
Federal Distributing Co.	Step ladders	8 89	
Federal-Huber Co.	Brass goods	62 12	34 10
Fensholt & Fechner	Belting	51 00	
Fischer Bros. Dry Goods Co.	Clothing	2,250 84	2,940 02
Fish, L., Furniture Co.	Furniture	1,152 44	1,413 46
Fisk Rubber Co.	Automobile tires		21 00
Fitzpatrick, Jno.	Soap	360 72	
Flanagan, A. Co.	Yarn	5 20	
Flavin Marble Mills	Marble repairs		42 75
Fleischmann Co.	Food	433 00	1,269 00
Folger, Stephen Lane	Graduating class pins	60 00	
Follansbee Bros. Co.	Tin	72 55	18 04
Forlfe Bros. Gear & Machine Co.	Gears	4 90	
Foobes, Jas. H., Tea & Coffee Co.	Food	741 78	
Forgue, A. J.	Freight charges	14 18	
Foster, Albert V.	Spectacles		3 50
Frame, C. L., Dental Supply Co.	Dental supplies	15 62	126 54
Franklin MacVeagh & Co.		1,737 55	853 71
Franklin Vulcanizing Works	Automobile repairs	26 35	153 06
Franks, J. W. & Sons	Office supplies	93 15	
Frerk, Henry Sons	Sand, etc.	330 90	
Friend, W. H.	Traveling expenses		8 84
Fuller-Morrison Co.	Medical supplies	53 22	18 90
Furlong, Wm. E.	Traveling expenses		44 33
Furness Bros. Co.	Steam pump repairs	31 50	
Gahan, D. F.	Traveling expenses	9 25	
Garden City Educational Co.	Thread	4 65	193 30
Garden City Sand Co.	Sand		3 56
Garland Co., The	Permanite		5 82
Garlock Packing Co.	Packing	146 16	6 00
Gayer, T. F.	Miscellaneous office expenses	178 97	483 41
Gemeny, W. T.	Building contract	4,760 00	
General Feature Film Co.	Film rental		37 50
General Manifold & Printing Co.	Office supplies	34 72	
General Rubber Goods Co.	Squeegie rubber and packing	18 57	
Geraghty & Co.	Printing	3 60	2 40
Gertz, August	Traveling expenses	24 86	
Giblin, Peterson & Screen	Building contract		38,587 63
Gifford-Wood Co.	Power plant contract		7,221 60
Gilbert & Bennett Mfg. Co.	Poultry netting		39 38
Glennon-Bielke Co.	Building contract	6,815 00	2,240 00
Golden Rule Oil Co.	Cylinder oil	16 60	
Goodfriend & Rosenberg	Office supplies	5 50	
Graham, A. D., Co.	Test borings	298 50	
Graham Paper Co.	Office supplies		21 40
Graton & Knight Mfg. Co.	Belt glue	2 50	
Greek-American Sponge Co.	Sponges	10 50	
Greeley-Howard Co.	Paints	450 00	
Green Engineering Co.	Engineering supplies	421 31	197 07
Gregory Electric Co.	Renting motor		27 00
Greve, F. & Sons	Stock food	25 05	30 32
Gunther Hardware Co.	Hardware	626 77	613 38
Gustung, Wm.	Food		15 00
Hadesman, J. P.	Food	187 45	3,604 42
Haines & Essick	Office supplies	157 22	
Hall, Samuel L. & Co.	Range repairs	10 00	11 90
Hanson Bros.	Building contract	99,807 25	22,323 09
Harks, Walter M.	Photographs	5 00	
Harris, S. H., Co.	Changing safe combination		5 00
Harrison Bros. & Co., Inc.	Paints	250 00	
Hawkins, S. A.	Machinery erecting		20 00
Hawks, Inc.	Food	237 16	756 81
Heath & Milligan Mfg. Co.	Paints	1,795 85	
Heine Chimney Co.	Building contract		7,658 00
Heisler & Wolfe Mfg. Co.	Cylinder oil, etc.	104 62	174 79
Henderson, Myra	Decorations for dance	7 44	
Henning, Wm. Co.	Food	11 25	
Hereley, Wm., Co.	Stock food	739 73	933 65
Hibbard, Spencer, Bartlett Co.	Hardware	2,450 57	1,952 59

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1915.	Year end- ing Sept. 30, 1916.
Hines, Edw. Lumber Co.	Lumber	\$ 1,303 56	\$ 604 66
Hogan Envelope Co.	Office supplies	5 25	
Hollis & Duncan	Paper bags		6 10
Holman Soap Co.	Soap	188 22	29 00
Holmes, Paul	Food		467 50
Holmes Packing & Supply Co.	Belt lacing	1 60	
Home Rubber Co.	Packing	19 42	7 84
Harley, Hood	Traveling expenses	29 33	
Hooker, H. M., Co.	Painter's supplies	117 17	18 00
Horlick's Malted Milk Co.	Medical supplies	92 52	
Horman & Hausam	Shoes		11 00
Henry Horner & Co.	Food	962 23	614 73
Hosmer, G. A., Co.	Floor wax		24 30
Houston, S. & Son	Food	385 11	
Huebner, H. P.	Harness repairs	161 30	109 45
Humphreys, J. F. & Co.	Food	3,391 94	389 82
Hummewell Soap Co.	Soap		56 00
Ide, A. L. & Sons	Engine repairs	2 95	22 25
Illinois Boiler Cleaning Compound Co.	Boiler compound		70 00
Illinois Electric Co.	Electrical supplies		247 21
Illinois Charitable Eye and Ear Infirmary	Bread cutter	10 00	
Illinois Industrial Home for Blind	Brooms	575 02	557 00
Illinois Lithographing & Label Co.	Office supplies		49 70
Illinois Malleable Iron Co.	Pipe	494 90	
Illinois School for the Deaf	Office supplies		20 62
Illinois Soldier's and Sailor's Home	Cylinder oil	8 50	
Illinois State Medical Society	Subscription		1 50
Illinois State Penitentiary	Furniture and clothing	11,593 56	7,308 91
Illinois State Reformatory	Office supplies	723 51	902 71
Illinois State Register Co.	Advertising	87 25	26 75
Illinois Tobacco Co.	Tobacco		320 00
Indian Refining Co.	Kerosene		26 00
Inland Supply Co.	Plumbing supplies	997 07	107 27
Inland White Lead Co.	Paints	300 05	
International Harvester Co.	Agricultural implements repaired	5 51	23 25
International Motor Co.	Automobile repairs		238 04
International Time Recording Co.	Time clock		98 00
Irwin Bros.	Food		84 28
Fred, Jahnke	Traveling expenses	54 14	
Janex Furniture Co.	Furniture		144 00
Janette, A. R.	Traveling expenses	13 85	
Janows & Kramer	Range repairs	17 22	
Jedlicka, E. F.	Traveling expenses		111 55
Jeffersonian, The	Office supplies	4 50	
Jeffrey, G. C., Co.	Food		478 40
Jehlke, F. & Son Co.	Brush shop supplies	58 94	184 41
Jobst-Bethard Co.	Food	4,630 43	6,611 34
John Hopkins Press	Subscription	5 00	5 00
Johns-Manville Co., H. W.	Pipe covering	88 81	97 14
Johnson, A. L.	Thread	382 82	255 50
Johnson, B. J., Soap Co.	Soap	278 92	145 52
Johnson, Elmer	Film rental	15 65	
Johnson, H. & Co.	Food	260 25	429 00
Johnston-Hatcher Co.	Furniture	307 49	
Joliet Printing Co.	Advertising	55 42	45 06
Jones, A. L. Co.	Manure	889 42	248 44
Jones & Jacoby	Plumbing and water main cont.	22,892 21	9,220 20
Jones, W. H., Foundry & Machine Co.	Castings		1 50
Jordan, E. O.	Medical supplies		19 40
Joss, Frederick	Food	17 00	15 00
Jourdan Sausage Works	do.		5,961 45
Kaezkowski, J. C., M. D.	Traveling expenses	13 52	16 48
Kalina & Stosek	Hardware	10 95	56 69
Kankakee Decorating Co.	Paint	11 00	
Kankakee State Hospital	Pig		20 00
Kannberg Printing Co.	Office supplies		12 50
Kansas Flour Mills	Food		5,630 00
Katzinger, Edw., Co.	Bakery supplies		3 85
Kavanagh Bros. & Co.	Brush handles		11 75
Keeler, E., Co.	Building contract	7,140 00	21,840 00
Keith Bros. & Co.	Clothing	179 44	
Keller, Geo. & Son	Flower pots	24 16	26 00
Kelso & Co.	Food	30 97	
Kemnitz, H. O.	Spectacles		2 50
Kemper Bros., Co.	Stock food	366 93	
Kenaedy, Leo	Traveling expenses	80 20	
Kerber Packing Co.	Food	2,112 34	2,759 34

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1915.	Year end- ing Sept. 30, 1916.
Kershaw, R. B., M. D.	Traveling expenses.	\$ 54 62	.....
Kessberger, A. W.	Photograph.	4 00	.....
Keuffel & Esser.	Office supplies and fixtures.	43 15	\$ 2 84
Keystone Oil & Mfg. Co.	Kerosene and gasoline.	212 75	190 50
Kilander, A. & Co.	Building contract.	13,139 00	19,890 00
King, J. B.	Traveling expenses.	24 45	28 84
Kinsey & Mahler.	Valves.	157 50	.....
Kircher, H. F. & Co.	Food carts.	974 15	20 25
Kirk, J. S. & Co.	Soap.	828 90	60 15
Klaholt, A. W.	Dry goods and bedding.	17,711 01	8,230 43
Kleine, Henry & Co.	Shoe shop supplies.	50 03	55 94
Klemm, C. W.	Food.	170 00	.....
Kochs, Theo. A., Co.	Barber chairs.	.....	43 00
Koger, Orpha.	Medical books.	10 05	2 05
Kohnstamm, H. & Co.	Laundry supplies.	88 50	284 21
Kraut & Dohmal.	Barber supplies.	22 20	10 50
Kreikenbaum, Fred.	Cigars.	219 00	251 00
Ladew, Edw. R., Co.	Rivets and burrs.	.....	6 00
Lakeside Publishing Co.	Subscription.	.....	2 00
Lammert & Mann.	Engine repairs.	.....	352 25
Landshaft & Sons, Wm.	Wagon repairs.	51 50	.....
LaSalle Light Co.	Flash lights.	.....	3 83
Lasker Iron Works.	Building contract.	.....	3,150 00
Lavo Co. of America.	Laundry supplies.	13 70	.....
Lawson Shores Engraving Co.	Photographic cuts.	36 90	.....
Lea & Febiger.	Subscription.	.....	5 00
Leininger, E.	Food.	.....	8 40
Leininger, Geo., M. D.	Traveling expenses.	45 96	152 51
Lemchen, B., M. D.	Traveling expenses.	7 74	17 88
Lenau, Pearl.	Traveling expenses.	80 40	.....
Leslie, J. H. & Co.	Food.	.....	260 00
Lewis Mfg. Co.	Medical supplies.	227 50	546 53
Lewis, F. J., Mfg. Co.	Pitch and tar.	.....	6 24
Library Bureau.	Office fixtures.	18 25	183 90
Lieberman Bed Spring Co.	Bed spring material.	183 52	.....
Like, Otis, M. D.	Traveling expenses.	2 96	14 00
Limbirt, Geo. B. & Co.	Steam fitters' supplies.	.....	103 44
Lincoln Ice Co.	Ice.	1,705 13	2,340 64
Lincoln Park Commissioners.	Sprinkling wagon.	10 00	.....
Lincoln State School and Colony.	Brushes.	117 20	90 00
Linn, R. W.	Burial expenses patient.	.....	20 00
Linn & Scruggs Dry Goods Co.	Dry goods.	19 53	.....
Little & Sullivan.	Horseshoeing.	183 50	31 00
Mayer, Livingston & Co.	Clothing.	.....	7 50
Lloyd, E. B.	Automobile tire.	15 20	.....
Lockie, Catherine.	Traveling expenses.	61 35	.....
Lowenthal & New Co.	Moss.	699 04	.....
Loewenthal-Farber-Katz Co.	do.	.....	665 59
Logan Printing House.	Office supplies.	54 00	.....
Logan Square Feed & Coal Co.	Stock food.	385 61	.....
London Auto Supply Co.	Auto truck.	485 00	.....
Loose-Wiles Biscuit Co.	Food.	25 26	14 67
Lord & Bushnell Co.	Lumber.	768 64	326 35
Lucas, Jno. & Co.	Points.	1 25	.....
Luncy-Clarissey Co.	Engine oil.	176 80	491 14
Machinists Supply Co.	Machinists' supplies.	363 22	391 64
MacMillan Co., The.	Medical books.	.....	1 25
Macomber & Whyte Rope Co.	Rope.	.....	4 30
Macoupin County Enquirer.	Advertising.	.....	13 58
Magie Bros.	Lubricating oils.	27 00	.....
Helvin, Mahin H.	Glue.	3 00	.....
Mahoney, Geo.	Horse.	.....	100 00
Mandel Bros.	Dry goods, etc.	.....	3,929 65
Manhattan Electric Supply Co.	Electrical supplies.	.....	12 50
Manhattan Rubber Co.	Fire hose.	260 50	.....
Maple Flake Co.	Food.	45 00	.....
Marshall Field & Co.	Dry goods and furniture.	2,956 61	2,455 65
Martin, Glenn.	Traveling expenses.	7 55	.....
Martin, I. N., Dry Goods Co.	Dry goods.	158 50	17 42
Mathay, Fred.	Horseshoeing.	428 50	465 40
Mayer, O. F. & Bro.	Food.	502 50	729 98
Mayer & Miller Co.	Printing.	2 00	.....
Meade, Geo.	Traveling expenses.	51 95	.....
Mearns, Henry.	do.	5 52	.....
Melind, Louis, Co.	Rubber stamps.	.....	2 40
Mendekohn, J. J., M. D.	Traveling expenses.	4 22	.....
Merck & Co.	Medical supplies.	16 13	88

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1915.	Year end- ing Sept. 30, 1916.
Metropolitan Garage	Taxi hire	\$ 100 00	
Meyer, G. F.	Food	44 44	\$ 45 72
Meyer, Wm., Co.	X-Ray machine	1,015 00	
Middleby-Marshall Oven Co.	Over repairs		48 55
Mikkelsen-Lars Fisheries	Food	36 00	
Millar, E. B. & Co.	do.		245 00
Mohr, Jno. & Sons	Boiler repairs	219 60	184 60
Moller & Vanderbloom Lumber Co.	Lumber		654 62
Moloney Belting Co.	Belting	7 85	
Moloney, Jno.	Repairing boilers		134 40
Monarch Electric & Wire Co.	Electrical supplies	745 36	460 00
Moore & Evans	Base balls		2 50
Moos, J. & B.	Tobacco		1,336 80
Morehouse & Wells	Hardware	225 66	315 45
Morgan Envelope Co.	Toilet paper		18 00
Morris & Co.	Anhydrous ammonia	150 68	
Mott, J. L. Iron Works	Fountain		619 00
Mt. Prospect Creamery Co.	Milk	7,432 05	
Mueller Coal Co.	Fuel	485 45	
Mueller, H., Mfg. Co.	Brass goods	259 20	219 33
McAllister, J. K.	Paraffine	15 01	
McCarthy, H. S., M. D.	Traveling expenses	8 09	
McCarthy, R. R., M. D.	do.	10 26	30 72
McCharg, A. C. & Co.	Office supplies	289 82	618 67
McComb Sewer Pipe Co.	Sewer pipe	27 32	
McCourtney Dry Goods Co.	Dry goods	3,510 62	215 49
McCoy, M. J.	Traveling expenses	150 24	
McCray Refrigerator Co.	Refrigerator		385 50
McDonough & Co.	Medical directory	2 50	
McGourty, M. M.	Traveling expenses	11 80	
McGowan, F. M., Co.	Bedding		4,680 00
McGrew, Frank	Coal	1,930 75	1,705 21
McGrew, W. A.	Food	220 50	211 00
McKee & Co.	Repairing spectacles	50	
McMaster-Carr Supply Co.	Engineering supplies	170 20	31 50
McNeil & Higgins Co.	Food	2,257 66	1,254 61
Mcroy Sheet & Tin Plate Co.	Iron, tin, etc.		210 65
Nail, P. J.	Fire hose hydrants	275 02	
National Aniline & Chemical Co.	Laundry supplies	108 25	212 50
National Carbon Co.	Carbons	3 56	16 10
National Power Cons. Co.	Repairing boilers	1,325 00	
National Supply & Equipment Co.	Hose	47 50	
New England Equitable Insurance Co.	Bond premium		10 00
Newford & Co., Henry	Electric wiring contract		1,275 00
New Hartford Mfg. Co.	Medical supplies	139 75	
New Hartford Mfg. Co.	do.		142 50
New Home Sewing Machine Co.	Sewing machine repairs		2 36
News Democrat, The	Advertising	36 25	
Newton Hoyt Co.	Furniture	59 45	
New York Store Mercantile Co.	Lye		30 07
Nicoletti, Genero	Decorations for dance	5 23	
Nilson, G. Albin	Building contract		1,850 00
Northwestern Barrel Co.	Barrel heads		8 85
Northwestern Terra Cotta Co.	Clay		75
Nott, W. S., Co.	Belting	157 00	123 20
Novak, Chas. & Sons	Painters' supplies		77 00
Nystrom, A. J. & Co.	Class charts		44 25
Oakford & Fahnestock	Food	1,651 00	2,779 79
Oberlin, A. J. & Co.	Furniture		343 00
O'Brien, Jno. O.	Wrecking contract	990 00	
O'Brien, P. J. & Co.	Food	599 63	147 10
O'Connell & Kuntz	Furniture	888 00	228 00
O'Connor, J. P. & J. W. Co.	Building contract	31,434 35	
O'Donnell, E. R., Mercantile Co.	Upholstering supplies	12 00	14 88
Ohio Blower Co.	Ventilators	117 50	
O. K. Insect Exterminator Co.	Insect powder	4 65	
Olson, Ingeborg	Traveling expenses	17 19	
Orr & Lockett Hardware Co.	Hardware	1,459 98	93 94
Oster Mfg. Co.	Dies		28 75
Ott, Fred	Repairing lathe	13 60	
Oxweld Acetylene Co.	Engine repairs	220 00	
Page Bros.	Express charges	2 00	
Paltzer Lumber Co., C. A.	Lumber	319 75	
Pope & Loose	Food	77 50	104 00
Patent Button Co.	Tailor shop supplies	15 79	
Peacock, E. R., Co.	Seeds	227 00	614 38
Peck & Hills Furniture Co.	Furniture	615 00	197 95

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1915.	Year end- ing Sept. 30, 1916.
Pennsylvania Chocolate Co.	Food.	\$ 48 00	
Peoria Journal.	Advertising.	55 25	\$ 60 00
Pfaffmann Egg Noodle Co., The.	Food.	14 25	
Pfeiffer, Louis E.	Stock food.	413 97	258 50
Pfeistler, Frank.	Tuning piano.	8 00	
Phillips, Avah.	Traveling expenses.		1 18
Pick, Albert & Co.	Household supplies.	370 56	1,389 85
Pittkin & Brooks.	Dishes.	166 98	133 86
Pittsburgh Plate Glass Co.	Glass.	403 20	145 75
Plamondon Mfg. Co.	Gears.	4 27	
Portable Power Mfg. Co.	Gasoline pump.		132 89
Potter, M. L.	Paints.	12 50	
Potter, M. M.	Stamps.	575 00	540 00
Power Coal Co.	Fuel.	33,317 22	42,122 80
Powers Regulator Co.	Thermostatic regulators.	37 50	150 00
Preusen, N. E.	Newspaper subscription.	15 00	29 96
Producers Material Co.	Crushed stone, etc.		123 47
Producers Refining Co.	Oils.		14 00
Quincy Grocer Co.	Food.		14 00
Quincy Journal.	Advertising.	75 60	6 50
Quirk, L. F.	Traveling expenses.	398 93	387 87
Read, C. F., M. D.	do.	5 06	
Read, W. B. & Co.	Office supplies.	62 87	104 34
Red Star Compressed Yeast Co.	Food.	584 25	
Reed, S. J.	Shoe shop supplies.	236 69	275 65
Reeves Pulley Co.	Pulleys.	14 26	15 60
Regan, Elizabeth.	Sewing room supplies.	2 73	
Regan, R. J.	Telephone outlets new building.	186 00	
Reid, Murdoch & Co.	Food.	974 81	1,424 73
Reitz, Geo.	Photographs.	10 00	25 00
Remington Typewriter Co.	Typewriter supplies.	15 65	
Remus, Max H.	Tuning pianos.	42 00	
Review Publishing Co.	Advertising.	7 00	
Rhodes Metallic Packing Co.	Packing.		77 25
Richardson, O. W. & Co.	Rugs.	789 21	2,279 57
Riverside Oil Co.	Kerosene.	5 50	11 00
Riverside Paint Works.	Paints.	4 50	
Robbins & Co.	Food.	188 48	120 50
Rockford Morning Star.	Advertising.	5 25	34 20
Roehlins, Jno. A. Sons Co.	Wire.	73	
Rollins Supply Co.	Engineering supplies.		3 32
Ronowski, Max.	Tuning pianos.	5 50	9 50
Root & McBride Co.	Dry goods.	26 28	451 05
Ropp Bros.	Vacuum cleaners.	72 00	
Rosing, Astrid.	Pipe.	22 80	
Rossi, P. & Sons.	Food.	13 14	8 76
Rub-No-More Co.	Laundry soap.	350 00	196 78
Rueckheim Bros. & Eckstein.	Cracker jack.		44 00
Ryerson, Jno. T. & Son.	Nails.	23 05	
Saenger, Jos., Mercantile Co.	Dry goods.		93 98
Salvation Army.	Car fare.	5 00	
Salzer, J. A., Seed Co.	Seeds.		13 70
Sanitary Cup & Service Co.	Sanitary drinking cups.		2 50
Sargent, E. H. & Co.	Medical supplies.	8 99	11 85
Sawyer Biscuit Co.	Food.	53 44	43 95
Schiller Arthur.	Dishes.		259 04
Schillinger Construction Co.	Building contract.	2,430 00	53,376 80
Schloeman, J. W., Leather Co.	Shoe shop supplies.	111 15	6 48
Schureman, C. C.	Plumbing supplies.	132 00	
Schuttler, Peter, Co.	Dump carts.	139 10	
Schwab-Martin Co.	Consulting engineers com.	4,000 00	2,000 00
Schwartz, Henry.	Traveling expenses.	17 25	
Scott, Leonard.	Bond premium.	90 00	
Scott & Morgan.	Boiler inspection.		125 82
Scully Steel & Iron Co.	Steel and iron.	21 31	22 37
Seehausen, Wehrs & Co.	Engineers supplies.		88 77
Seidel, Al & Sons.	Bread pans.	152 00	
Self Winding Clock Co.	Clock.	30 00	
Seth Thomas Clock Co.	Clock repairs.	80	9 55
Shapleigh Hardware Co.	Hardware.	671 63	210 71
Sharp & Smith.	Medical supplies.	167 79	121 55
Sheppard-Strassheim Co.	Food.		66 14
Sherwin-Williams Co., The.	Paints.	9 32	
Singer Sewing Machine Co.	Sewing machines and supplies.	342 58	1 88
Sloan, A. C.	Miscellaneous office supplies.	77 89	
Smith, Alice M., M. D.	Traveling expenses.	15 68	
Smith & Boullion.	Tooth brushes.	19 50	

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1915.	Year end- ing Sept. 30, 1916.
Smith & Davis Mfg. Co.	Furniture	\$ 14 46	
Smith, Ed. D.	Tobacco	285 00	
Smith, F. P., Wire & Iron Works.	Poultry netting	335 80	
Smith, A. Geo. & Co.	Bedding	139 16	\$ 653 58
Smith, H. J., M. D.	Traveling expenses	11 89	
Snell, C. W.	Moss		67 99
Sokol & Co.	Food	349 60	
Sommers, Walter F.	Professional services	17 50	
Southern Illinois Penitentiary	Clothing	7,434 15	7,932 69
Spaulding & Merrick	Tobacco		645 00
Spiegler Oil Co.	Oil	8 57	
Sprague, Smith Co.	Glass	49 37	12 00
Sprague, Warner & Co.	Food	1,587 65	370 00
Springfield Dental Laboratories	Dental supplies	6 00	61 87
Springfield Paper Co.	Toilet paper	79 50	208 80
Spring Handle Co.	Mops and mop handles	40 84	7 20
Stade, Mrs. Herman	Food	19 80	
Stafford, E. H., Mfg. Co.	Furniture	657 00	645 00
Standard Film Exchange	Film rental	4 00	
Standard Motor Car Co.	Automobile repairs	37 50	41 66
Standard Oil Co.	Gasoline and kerosene	335 53	835 28
Standard-Tyler Co., The	Freight charges	25	
Star & Crescent Milling Co.	Food	1,975 00	
Starck, P. A., Piano Co.	Victrolas	306 90	150 45
Steele-Wedeles Co.	Food	3,687 67	6,626 95
Stein, Hirsch & Co.	Laundry supplies	197 60	79 86
Stephen, J. H.	Framed pictures	376 90	
Sterne & Maley Co.	Laundry supplies	292 94	238 41
Stevens, Chas. G. Co.	Steel and iron	3 43	6 98
Stevenson, Lewis G.	Auto license	6 00	11 00
Stillwell, Mary	Car fares Salvation Army		5 00
Stewart-Hartshorn Co.	Window shade supplies		84 74
Stewart-Hartshorn Co.	Shade fixtures	75 00	
Stewart, A. G., Paper Co.	Toilet paper	116 25	
Stoelting, C. H. & Co.	Scientific test blanks	7 22	
Strassheim Fuel & Supply Co.	Fuel and cement	1,688 80	
Strassheim, C.	Fuel and cement		1,711 53
Street R. R. & Co.	Loom	5 95	6 02
Stronach Door Check Co.	Door checks		1 80
Sturtevant Mill Co.	Coal sampler		150 00
Sullivan F. J.	Horseshoeing		104 50
Sullivan Oil Co.	Engine oil	31 50	
Sulzberger & Sons Co.	Food	8,412 20	15,608 32
Sutliff & Case Co.	Medical supplies	722 10	
Sutter, C. J.	Traveling expenses	250 80	150 99
Swett, W. W., Jr.	Bond premium	2 50	
Swift & Co.	Food	2,593 02	14,424 16
Swift & Co., Lincoln Ave. Market	do.	1,170 85	765 53
Swift & Co., S. Water St Market	do.	130 44	
Teasdale, J. W. & Co.	do.	2,009 76	210 00
Tegel, Stephen	Traveling expenses	158 80	
Tenk Hardware Co.	Hardware	73 47	79 08
Terre Haute Oil & Coal Co.	Oils	13 50	
Tetzner, E.	Fancy work supplies	145 65	14 13
Thomas & Clarke	Food		108 13
Thomas, Kathryn	Traveling expenses	76 10	
Thread Agency, The	Thread	1 71	
Thybony & Bengston	Pointers' supplies	3 13	
Tofer, E. L.	Traveling expenses	40 25	28 84
Topeka Flour Mills	Food		21 40
Traub, Wm. F.	Coal range and household supplies		284 22
Treat Leonard A.	Food	300 00	
Triggs, C. W., Co.	do.	129 13	
Tropical Oil Co.	Floor oil	12 50	
Troxell, Kikendall & Co.	Bond premium	155 00	155 00
Troy Laundry Machinery Co.	Laundry machinery and supplies	41 74	2,059 89
Truax, Green & Co.	Medical supplies	4 55	
Underwood Typewriter Co.	Typewriters and supplies	253 18	2 00
Union Drawn Steel Co.	Steel		31 02
Union Elevator & Machinery Co.	Painters' scaffold	17 50	
Union Mills, Inc.	Clothing		1,640 00
United States Fidelity & Guaranty Co.	Bond premium	5 00	5 00
United States Gypsum Co.	Lime, sand, etc.		51 95
Universal Portland Cement Co.	Cement	108 95	526 75
Universal Register Co.	Office supplies	2 10	1 05
Uno Mfg. Co.	Furniture polish	28 50	
Valoda, Geo.	Repairing kettles	22 00	

Name of firm or individual.	Classification of articles purchased or services rendered.	Year end- ing Sept. 30, 1915.	Year end- ing Sept. 30, 1916.
Van Lengerke & Antoine	Medical supplies	\$ 1 00	
Van Schaack, Peter & Sons	Medical supplies	32 70	\$ 9 73
Vaughans Seed Store	Seeds	178 10	
Viscosity Oil Co.	Oil	3 24	
Vitograph-Lubin-Selig-Essanay, Inc.	Film rental		15 00
Wadsworth-Howland Co.	Paints	873 92	1 25
Wagner, R.	Harness repairs	6 00	
Walker, W. M.	Food	2 17	
Walker, W. M.	do.		35 91
Walsh, Jno. G.	Traveling expenses	8 00	
Walton & Co.	Fuel	1,085 86	
Warrington, A. W.	Food		168 24
Watson, Geo. E., Co.	Painters' supplies	57 24	2 70
Watters Laboratories	Medical supplies	62 40	
Webster Engineering Co.	Dumb waiters		1,165 00
Weltin Flour Mills	Food	6,463 50	
Wendnagel & Co.	Sauerkraut tank	40 93	
Western Electric Co.	Electric supplies	659 71	7,675 50
Western Plumbing Supply Co.	Plumbing supplies	612 10	
Western Produce Co.	Food	287 33	
Western Roofing & Supply Co.	Building material	197 76	
Western Valve Co.	Valve	124 29	
Western Wood Turning & Mfg. Co.	Brush shop supplies	46 76	
Wheelock, C. E. & Co.	Dishes and electric lights	553 09	1,978 92
White, Chas.	Traveling expenses	121 03	
White, S. S., Dental Mfg. Co.	Dental supplies	4 61	
Whiting Paper Co.	Office supplies		38 98
Wiedlocher, Frank & Sons	Food and stock food	67 45	4,710 96
Wieland Dairy Co.	Food		5,239 50
Wileox Co.	Macadam		51 48
Wilder & Co.	Building leather	7 17	
Wilkins, Wm. Co.	Brush shop supplies	181 55	88 81
Wilks, S., Mfg. Co.	Water heater and repairs	63 00	
Wilks, S., Mfg. Co.	do.		1 40
Williamson, R. & Co.	Electric fixtures	36 25	1,006 81
Wilson Grocery Co.	Food	540 71	1,409 13
Wittman, Wm., Co.	Stock food	1,079 77	487 20
Wolf Mfg. Co., L.	Plumbing supplies	289 15	25 47
Wolff, M. & Sons	Food	8 50	85 00
Wood, Wm. & Co.	Subscription		6 00
Worms, Albert C.	Veterinarian services	69 70	44 50
Wright, L. G., M. D.	Traveling expenses	36 60	
Wring, Nellie	do.	17 56	
Wrought Iron Range Co.	Steamers	180 00	
Yawman & Erbe Mfg. Co.	Office fixtures	121 57	
Year Book Publishers	Medical books	5 00	13 50
Yendorf Clothing Co.	Clothing	96 00	
Total		\$772,994 42	\$581,583 08

STATEMENT OF COUNTY AND INDIVIDUAL ACCOUNTS.

For the year ending September 30, 1915.

COUNTY ACCOUNTS.

1914	Dr.		
Oct. 1	To balances in county ledger	\$249 15	
1915			
Sept. 30	clothing, etc., charged to counties		
	Cr.		
Sept. 30	By amount paid by counties		\$249 15
	balances in county ledger		
		\$249 15	\$249 15
Oct. 1	To balances in county ledger	\$249 15	

INDIVIDUAL ACCOUNTS.

		<i>Dr.</i>			
1914	Oct. 1	To balances in individual ledger.....	\$317 24		
1915	Sept. 30	clothing, etc., charged to individuals.....			
		<i>Cr.</i>			
1915	Sept. 30	By amount paid by individuals.....			
		balances in individual ledger.....		\$317 24	
			<u>\$317 24</u>	<u>\$317 24</u>	
1915	Oct. 1	To balances in individual ledger.....	\$317 24		

STATEMENT OF COUNTY AND INDIVIDUAL ACCOUNTS.

For the year ending September 30, 1916.

COUNTY ACCOUNTS.

		<i>Dr.</i>			
1915	Oct. 1	To balances in county ledger.....	\$249 15		
1916	Sept. 30	clothing, etc., charged to counties.....			
		<i>Cr.</i>			
1916	Sept. 30	By amount paid by counties.....			
		balances in county ledger.....		\$249 15	
			<u>\$249 15</u>	<u>\$249 15</u>	
1916	Oct. 1	To balances in county ledger.....	\$249 15		

INDIVIDUAL ACCOUNTS.

		<i>Dr.</i>			
1915	Oct. 1	To balances in individual ledger.....	\$317 24		
1916	Sept. 30	clothing, etc., charged to individuals.....			
		<i>Cr.</i>			
1916	Sept. 30	By amount paid by individuals.....			
		balances in individual ledger.....		\$317 24	
			<u>\$317 24</u>	<u>\$317 24</u>	
1916	Oct. 1	To balances in individual ledger.....	\$317 24		

STATEMENT OF AGREEMENT TO SUPPORT ACCOUNTS.

For the year ending September 30, 1915.

		<i>Dr.</i>			
1914	Oct. 1	To balances in support ledger.....	\$10,706 34		
1915	Sept. 30	amount charged.....	24,744 12		
		<i>Cr.</i>			
1915	Sept. 30	By amount paid by sundries persons.....		\$15,476 89	
		amount charged to profit and loss.....		5,775 84	
		balances in support ledger.....		14,197 73	
			<u>\$35,450 46</u>	<u>\$35,450 46</u>	
1915	Oct. 1	To balances in support ledger.....	\$14,197 73		

For the year ending September 30, 1916.

		<i>Dr.</i>			
1915	Oct. 1	To balances in support ledger.....	\$14,197 73		
1916	Sept. 30	amount charged.....	29,088 98		
		<i>Cr.</i>			
1916	Sept. 30	By amount paid by sundries persons.....		\$18,601 02	
		amount charged to profit and loss.....		8,895 24	
		balances in support ledger.....		15,790 45	
			<u>\$43,286 71</u>	<u>\$43,286 71</u>	
1916	Oct. 1	To balances in support ledger.....	\$15,790 45		

CHICAGO STATE HOSPITAL.

STOREKEEPER'S REPORT.

For the year ending September 30, 1915.

		Dr.	
1914			
Oct.	1	To balance on hand (inventory).....	\$26,050 29
		supplies received during quarter ending December 31, 1914 (purchased).....	51,271 25
		supplies received during quarter ending March 31, 1915 (purchased).....	45,712 74
		supplies received during quarter ending June 30, 1915 (purchased).....	54,378 54
		supplies received during quarter ending September 30, 1915 (purchased).....	41,182 52
		supplies received from sewing room.....	14,641 18
		supplies received from farm.....	3,711 65
		supplies received from tailor shop.....	848 90
		supplies received from brush shop.....	125 21
1915		Cr.	
Sept.	30	By supplies, etc., issued to departments, on requisitions, as follows—	
		Kitchen.....	\$113,109 20
		Bakery.....	25,391 48
		Male wards.....	21,813 07
		Female wards.....	14,323 10
		Hospital.....	7,283 34
		Administration.....	2,682 21
		Sewing room.....	11,135 60
		Laundry.....	144 99
		Tailor shop.....	997 98
		Mattress shop.....	907 98
		Farm.....	24 34
		Drug store.....	71 53
		Art cottage.....	138 17
		Brush shop.....	348 93
		Paint shop.....	415 93
		Engineer.....	19 27
		Florist.....	4 72
		By balance on hand (inventory).....	39,110 44
			<u>\$237,922 28</u>
			<u>\$237,922 28</u>
Oct.	1	To balance on hand.....	<u>\$39,110 44</u>

STOREKEEPER'S REPORT.

For the year ending September 30, 1916.

		Dr.	
1915			
Oct.	1	To balance on hand (inventory).....	\$39,110 44
		supplies received during quarter ending December 31, 1915 (purchased).....	43,442 74
		supplies received during quarter ending March 31, 1916 (purchased).....	36,407 18
		supplies received during quarter ending June 30, 1916 (purchased).....	49,795 62
		supplies received during quarter ending September 30, 1916 (purchased).....	54,225 92
		supplies received from sewing room.....	13,625 49
		supplies received from farm.....	4,871 19
		supplies received from tailor shop.....	632 80
		supplies received from industrial department.....	98 55
		Cr.	
Sept.	30	By supplies, etc., issued to departments, on requisitions, as follows—	
		Kitchen.....	\$114,452 37
		Bakery.....	26,213 37
		Male wards.....	26,469 48
		Female wards.....	16,614 09
		Hospital.....	5,080 61
		Administration.....	3,550 26
		Sewing room.....	12,238 15
		Laundry.....	179 42
		Tailor shop.....	663 21
		Mattress shop.....	379 56
		Farm.....	393 00
		Drug store.....	74 35
		Art cottage.....	164 10
		Industrial department.....	92 55
		Engineer.....	71 46
		Florist.....	3 00
		By balance on hand (inventory).....	35,570 65
			<u>\$242,209 93</u>
			<u>\$242,209 93</u>
Oct.	1	To balance on hand.....	<u>\$35,570 65</u>

STATEMENT OF TRUST FUND.

For the year ending September 30, 1915.

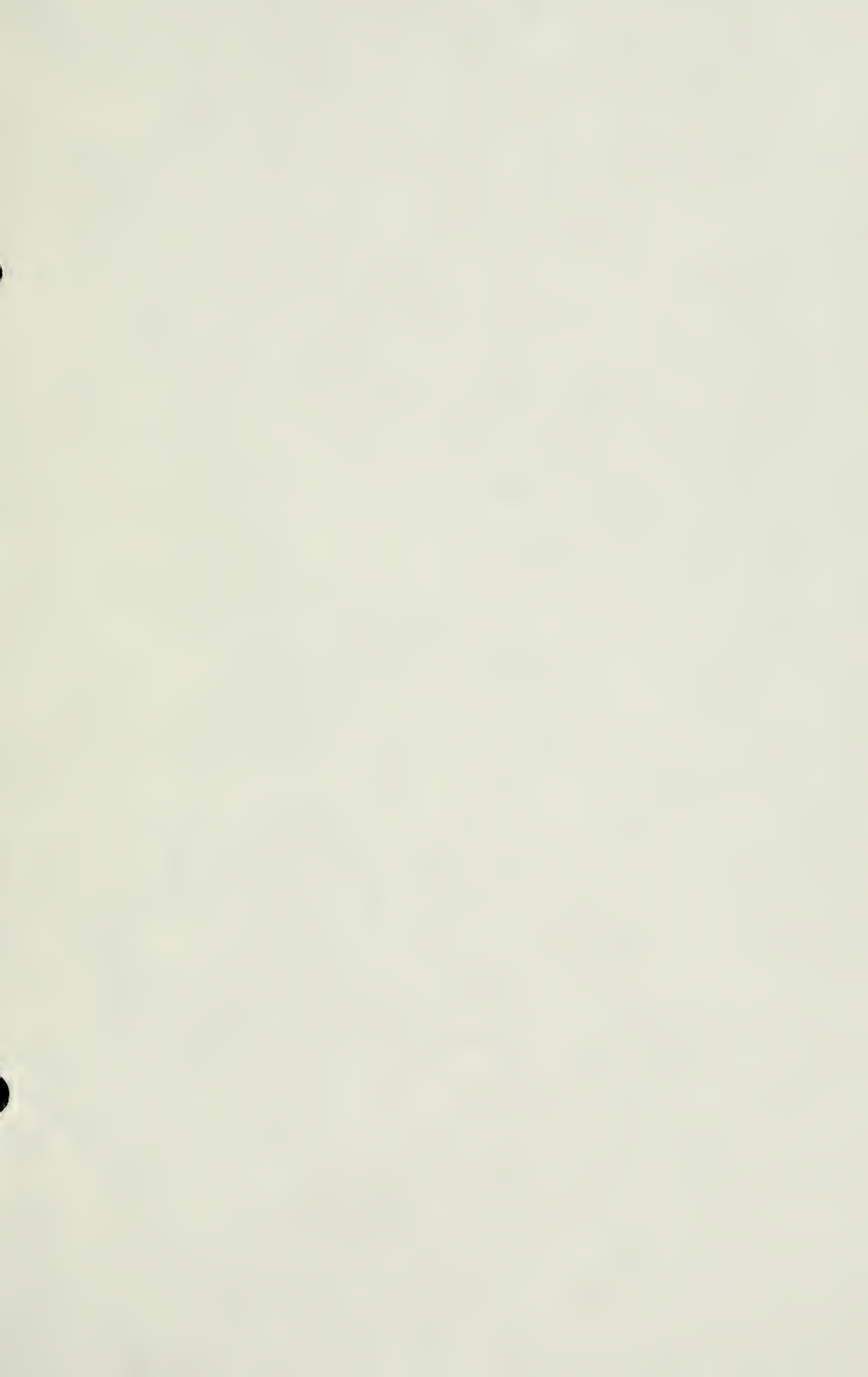
		<i>Dr.</i>		
1914	Oct. 1	To balances due inmates.....	\$2,381 44	
1915	Sept. 30	receipts (autographic No. 772 to No. 1,218 inclusive).....	3,681 65	
		<i>Cr.</i>		
Sept. 30	By total disbursements.....			\$3,616 07
	balances due inmates.....			2,447 02
			<u>\$6,063 09</u>	<u>\$6,063 09</u>
Oct. 1	To balances due inmates.....		\$2,447 02	

For the year ending September 30, 1916.

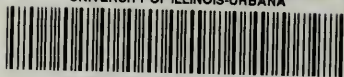
		<i>Dr.</i>		
1915	Oct. 1	To balances due inmates.....	\$2,447 02	
1916	Sept. 30	receipts (autographic No 1,219 to No. 1,768 inclusive).....	3,425 43	
		<i>Cr.</i>		
Sept. 30	By total disbursements.....			\$2,602 41
	balances due inmates.....			3,270 04
			<u>\$5,872 45</u>	<u>\$5,872 45</u>
Oct. 1	To balances due inmates.....		\$3,270 04	







UNIVERSITY OF ILLINOIS-URBANA



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